# Labware

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General Labware (in alphabetical order)
Safety
Storage

# LABWARE A-Z

## A Absorption Tube

Heavy walled borosilicate glass, U-form.

**Code: ABS125** - 125x15mm, Pack of 2 **£3.95**
**Code: ABS150** - 150x20mm, Pack of 2 **£4.95**

## B Absorption Tube with Connectors

Heavy walled borosilicate glass, U-form, with connector tubes of approximately 6mm diameter.

**Code: AST125** - 125x15mm, Pack of 2 **£6.25**
**Code: AST150** - 150x20mm, Pack of 2 **£6.25**

## C Aspirator 5L PE With Tap

High density polythene. Graduated in litres. Integrally moulded spout, threaded to accept replaceable polypropylene tap. Complete with handle and leakproof polythene cap.

**Code: 700-005** **£10.00**

## D Classic Media Autoclaves

The Prestige Medical Classic Media autoclave offers a safe method of sterilising media in the school laboratory. With an interlock lid for safety, it ensures the unit cannot be opened until the temperature inside has fallen to a safer level, preventing vessels/glassware exploding or liquid leaking. With a one-touch button operation you can set and forget, with no supervision necessary. This model has been specifically designed to provide the most suitable working conditions (temperature, pressure and cycle time) for sterilising media and is ideal for educational use. Capacity: 9 & 12 Litres.

**Code: 261-044** - Standard, 9 Litres **£999.00**
**Code: 261-045** - Extended, 12 Litres **£1,199.00**

## A 14 litre Aluminium Gas Autoclave

Suitable for instruments, glassware, media and waste.

Internal dimensions: 280 x 230mm (dia. x depth)
Minimal maintenance
Can be heated using a domestic or bottled gas flame
Maximum Working Temperature: 121ºC
Design Pressure: 1.3 bar
No plumbing required

**Code: 612-006** **£905.00**

## B 14 litre Aluminium Autoclave

Suitable for instruments, glassware, media and waste. Electrically powered with thermostat.

Internal dimensions: 280 x 230mm (dia. x depth)
Minimal maintenance
Maximum Working Temperature: 121ºC
Design Pressure: 1.3 bar
Electrically safe to BS3456
Electrical power 220 - 240 volt, 2.0k.
No plumbing required

**Code: 612-004** **£1,345.00**

## C 14 litre Aluminium Vario Autoclave

Suitable for instruments, glassware, media and waste. Electrically powered with thermostat. The VARIO remote control unit gives variable cycle temperatures and times, four preset cycles, stores cycles in memory and has many more useful features.

Internal dimensions: 280 x 230mm (dia. x depth)
Minimal maintenance
Maximum Working Temperature: 121ºC
Design Pressure: 1.3 bar
Electrically safe to BS3456
Electrical power 220 - 240 volt, 2.0kW.
No plumbing required

**Code: 612-005** **£1,965.00**

## D Autoclave Bags

High temperature autoclave bags, manufactured from heavy-gauge polypropylene, suitable for autoclaving up to a temperature of 136°C. Clear with blue biohazard labelling and a write-on panel for further labelling.

**Code: 700-002** - 310x660mm, Pack of 200 **£29.50**
**Code: 700-003** - 400x700mm, Pack of 200 **£36.50**
**Code: 700-004** - 600x780mm, Pack of 200 **£69.40**

## E Autoclave Tape

Reel: 50m x 25mm.

**Code: 700-001** **£6.85**

## F Lever Arm Balances

A direct reading, single pan balance with its scale in the form of a quadrant. The arc scale is graduated in dual ranges of 0-250 x 1g and 0-1000 x 5g (dual range only) which can be set using the weight arm provided. Cast aluminium frame with all steel parts chrome plated. Levelling screw for zero adjustment.

**Code: P15** - Single **£23.00**
**Code: P16** - Dual **£40.00**

## G Single Pan Balance, Triple Beam

This single pan, triple beam balance (with 200g capacity uncalibrated tare beam) has been specially designed to handle weighing solids and powder. The balance has three notched and tiered beams with centre readings and sliding indicator masses. The three beams are calibrated 500 x 100g, 100 x 10g and 10 x 0.1g - providing sensitivity of 0.1g up to a total of 610g. The capacity can be increased up to 2,610g by using supplementary masses. Spring loaded zero adjust compensator and magnetic damping are provided for fast setting and reading.

**Code: CH0024A** **£115.00**

## A Dune Compact Balances

The Dune series offers all of the necessary features for quick and easy weighing. Every Dune is equipped with an AC adapter, auto calibration through the keypad, low battery indicator and overload indicator. With its alternate battery operation, splash-proof keypad, and sturdy plastic construction throughout, the Dune delivers accurate readings in field, classroom, workplace or lab, a truly versatile and portable product. Platform size 145 x 145mm. Weighing units g and oz.

**Code: 602-040** - **200 x 0.1g** **£44.00**
**Code: 602-041** - **2000 x 1g** **£44.00**
**Code: 602-042** - **5000 x 2g** **£44.00**

## B Core Compact Portable Balances

**Specification:**

- Stainless steel pan
- Auto power off
- Low battery indication
- ShockProtect® overload three-point protection
- Can be stacked for storage
- Lock down mounting slot for Kensington® type lock and cable
- Dual tare keys, colour-coded for easy recognition
- Removable draught shield
- Below balance weighing, with hanger
- Backlit LCD display.
- Mains adapter supplied as standard

**(please specify 110/230V while ordering)**

**Code: 602-043** - **200g x 0.01g** **£168.00**
**Code: 602-044** - **250g x 0.1g** **£99.00**
**Code: 602-045** - **600g x 0.1g** **£115.00**
**Code: 602-046** - **1500g x 0.1g** **£140.00**
**Code: 602-047** - **2600g x 0.1g** **£175.00**
**Code: 602-048** - **2000g x 1g** **£84.00**
**Code: 602-049** - **5000g x 1g** **£99.00**

## C OHAUS CL Compact Balances

The OHAUS CL Compact Scale is lightweight and portable. Applications can include quality control, formulation, soil sampling, jewellery, postal weighing and dietary weighing. Easy operation with 2 clearly marked buttons, low battery indicator and auto shut-off feature to conserve battery life. Mechanical and software overload protection to protect weighing cell from damage.

**Specification:**

Weighing Units: g, lb:oz, ozt, dwt
Zero Range: To capacity by subtraction
Stabilization Time: 3 seconds
Optimum Operating Temperature: 18°-25°C
Power Requirements: 3 x AA alkaline batteries (included) or AC adapter (optional)
Calibration: User calibration from keypad
Display: LCD (12mm high digits)
Pan size: (mm) 120
Scale Dimensions WxHxD (mm) 140 x 40 x 200
Net Weight (g) 400

**Code: 602-093 - 200 x 0.1g** **£35.00**
**Code: 602-094 - 2000 x 1g** **£29.00**
**Code: 602-095 - 5000 x 1g** **£33.00**

**Standard Features:**

**Superior RF Protection** - Superior RF protection to deliver accurate and stable results when used in production areas or near cell phones. Approvals for electrical and emissions include CE listed and FCC Class B Part 15 operation.
**Large Stainless Steel Weighing Platform** - A large weighing platform that can adequately handle large samples.
**Stackable Design with Integrated Shipping Lock** - Low profile stackable design to make storage easy. The integrated lock protects the weighing cell from damage during storage or transportation.

## D OHAUS Traveler® Portable Balances

Designed for basic but accurate weighing in educational applications, the OHAUS TravelerTM Series was designed with a unique draughtshield that offers weigh-thru capability while being used and 'stackability' when being stored. With the right combination of performance and features, the TravelerTM is great value for your basic weighing applications.

**Specification:**

Weighing Units: Gram, Newton
Tare Range: To capacity by subtraction
Linearity: ± 1 d
Stabilization Time (sec): < 3
Display Size W x H (mm): 84 x 17
Operating Temperature Range: 50° - 104°F / 10° - 40°C
Power Requirements: AC Adapter (included) or 4 AA Batteries (not included)
Dimensions WxHxD (mm): 149 x 73 x 224 (to top of shield)
Operating Humidity Range: 30%-90%

**Code: 602-017 - 150g x 0.01g** **£175.00**
**Code: 602-018 - 300g x 0.01g** **£190.00**
**Code: 602-019 - 300g x 0.1g** **£105.00**
**Code: 602-020 - 500g x 0.1g** **£120.00**
**Code: 602-021 - 1500g x 0.1g** **£169.00**
**Code: 602-022 - 3000g x 0.1g** **£189.00**
**Code: 602-023 - 5000g x 1g** **£115.00**

**Standard Features:**

**Weigh-Thru Draughtshield** - Unique draughtshield designed with an easy to remove centre section that provides protection from rough environments while maintaining weighing speed.
**Stackable Draughtshield** - Designed with storage in mind it allows the balances to be stacked away when not in use. The draughtshield's centre piece can also be removed and converts into a weigh boat when turned upside down!
**USB or RS232 Connectivity** - Easy-to-install interface options, which provide weight output to an OHAUS printer or PC.

A

## A OHAUS Scout® Pro Balances

The Ohaus Scout Pro is designed for use in laboratory, industrial or education applications and continues the tradition set by the Ohaus Scout and Scout II balances. Featuring easy-to-use two-button operation, a high-contrast LCD display, multiple weighing units, four application modes and the option of either RS232 or USB connectivity. Scout Pro balances are available with an auxiliary LCD for demonstration purposes (codes: 602-067 to 602-076).

**Specification:**

Tare Range: To Capacity By Subtraction
Over Range Capacity: Capacity +90d
Stabilization Time: 3 seconds
Operating Temp. Range: 10° to 40°C
Power Requirements: AC Adapter or 4 AA Batteries (not included)
Display: High Contrast LCD with 6 digits 15mm high
Calibration Type: Digital Calibration from Keypad
Shipping Dimensions (mm) W x H x D: 254 x 102 x 305
Shipping Weight (kg): 1.8

**Standard Features:**

**Easy to Use** - High-contrast LCD display combined with two key operation makes the ScoutPro easy to operate.
**USB or RS232 Connectivity** - Quickly-installed option with integral cable allows data connection to PC or printer.
**Easy to Clean** - Removable stainless steel weighing platform, sealed front panel and moulded spill ring.
**Battery or AC Power** -Uses 4 AA batteries with auto shut-off feature for 40 hours of operation, or the Scout Pro can be run on the included AC adapter.
**Multiple Weighing Units** - grams, kilograms, pounds, ounces, combined pound:ounce display, troy ounces and pennyweights.
**Integral Weigh-Below Hook** - Critical for density or specific gravity determination.

**Multiple Application Modes**:

**Parts Counting** - For counting parts for inventory control, parts bagging, receiving, dispensing and ticket counting.
**Percentage Weighing** - Compare samples for compounding, formulation or quick weight checking.
**Totalisation** - Use the memory function to repeatedly sum the weight on the platform for compounding and formulation.
**Display Hold** - Allows you to retain the weight of an over-sized package on the display.
**User-Configurable** - Allows you to select active weighing units and modes using the two-button keypad. Can be quickly configured using an on-display menu system. A built-in lock switch prevents reconfiguration during use.

**Code: 602-004** **£375.00**
**- 120g x 0.001g, Pan - 90mm dia.**

**Code: 602-005** **£199.00**
**- 200g x 0.01g, Pan - 120mm dia.**

**Code: 602-006** **£239.00**
**- 400g x 0.01g, Pan - 120mm dia.**

**Code: 602-007** **£145.00**
**- 400g x 0.1g, Pan - 120mm dia.**

**Code: 602-008** **£149.00**
**- 600g x 0.1g, Pan - 165x142mm**

**Code: 602-009** **£215.00**
**- 2000g x 0.1g, Pan - 165x142mm**

**Code: 602-010** **£289.00**
**- 4000g x 0.1g, Pan - 165x142mm**

**Code: 602-011** **£160.00**
**- 6000g x 1g, Pan - 165x142mm**

B

## B PGW Precision Balances

Designed to meet the needs of Laboratories, Schools, Industry and Commercial users.

**Specification:**
Metal casing; Security locking point; External calibration; Below-balance weighing; Full-range tare;
Platform size: 192 x 192mm; 18+ Weighing units (including one custom unit); RS-232 bi-directional interface

**Code: 602-024** - **1500g x 0.01g** **£515.00**
**Code: 602-025** - **2500g x 0.01g** **£545.00**
**Code: 602-026** - **3500g x 0.01g** **£570.00**
**Code: 602-027** - **4500g x 0.01g** **£585.00**

## C Highland Portable Precision Balances

**Features and Specifications:**
RS232 and USB Interface both included
Can be stacked for storage
ShockProtect™ overload three-point protection
Handical™ manual internal calibration with built-in mass
Lock down mounting slot for Kensington™ type lock
Dual tare keys, color-coded for easy recognition
Capacity tracker
Removable draught shield
Stainless steel pan
Auto power off
Low battery indication
Rechargeable battery / mains adapter supplied as standard
Below balance weighing with hanger
Backlit LCD display
Percentage & accumulation weighing
Parts counting
Platform size: 120mm Ø.
Units of measurement:
g, ct, lb, d, GN, Ozt, dWt, MM, TL.T, TL.S, TL.T, N.

| | |
|---|---|
| **Code: 602-059** - 120 x 0.001g | £288.00 |
| **Code: 602-060** - 150 x 0.005g | £240.00 |
| **Code: 602-061** - 300 x 0.01g | £240.00 |
| **Code: 602-062** - 600 x 0.02g | £240.00 |
| **Code: 602-063** - 600 x 0.01g | £273.00 |
| **Code: 602-064** - 1500 x 0.05g | £240.00 |
| **Code: 602-065** - 1000 x 0.01g | £295.00 |
| **Code: 602-066** - 3000 x 0.1g | £240.00 |

## D Navigator® LED Portable Balances

The Navigator® series offers a unique combination of features, including touchless sensors, ultra-fast response time and superior overload protection for use in a wide variety of weighing applications.

**Specification:**
Tare Range: To Capacity By Subtraction
Stabilization Time: 1 second
Operating Temp. Range: 10° to 40°C
Operating Humidity Range: 20% to 85%
Power Requirements: 12VDC 0.42A AC adapter (included), 100-240V 0.25A 50-60Hz
Display: 20 mm digits LED 6-digit 7-segment
Calibration Type: User-selectable external span or linearity calibration / Digital with external weight
Checkweigh Indicators: Over-Accept-Under LED annunciators
Keypad: 4 mechanical keys, raised and with tactile feedback plus 2 touchless

| | |
|---|---|
| **Code: 602-089** - 210g x 0.01g | £239.00 |
| **Code: 602-090** - 510g x 0.1g | £155.00 |
| **Code: 602-091** - 1100g x 0.1g | £175.00 |
| **Code: 602-092** - 2100g x 0.1g | £199.00 |

**Standard Features:**
**Touchless Sensors** – Two touchless sensors that free up your hands so you can focus on handling samples. The touch-free control of the zero, print, function or tare operations avoids transferring sample residue to the keypad. Sensors can be set independently to control up to 36 combinations of operations.
**One Second Stabilization Time** – Stabilizes in less than a second to provide fast and accurate weighing results.
**Superior Overload Protection** – Allows the scale to with stand loads up to 400% of its rated capacity. An integrated shipping lock further protects the weighing cell from damage during transportation or storage.

## A OHAUS Pioneer Balances

Analytical balance. Draughtshield with removable panels.

Platform sizes: 90mm dia. or *120mm dia. or **180mm dia
Weighing units: mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals, custom.

| | | |
|---|---|---|
| Code: 602-037 | 65g x 0.1mg | £699.00 |
| Code: 602-077 | 110g x 0.1mg | £825.00 |
| Code: 602-078 | 210g x 0.1mg | £950.00 |
| Code: 602-079 | 210g x 1mg * | £525.00 |
| Code: 602-080 | 410g x 1mg, * | £530.00 |
| Code: 602-081 | 510g x 0.01g, ** | £475.00 |
| Code: 602-082 | 2100g x 0.01g, ** | £575.00 |
| Code: 602-083 | 4100g x 0.01g, ** | £575.00 |
| Code: 602-084 | 4100g x 0.1g, ** | £525.00 |

## B Weighing Mass Sets

Polished brass weights in hardwood case with hinged lid and divided compartments. Nickel-silver and aluminium fractions.

| | | |
|---|---|---|
| Code: PH0034A | 1mg to 100g | £33.00 |
| Code: PH0034B | 1mg to 200g | £52.00 |
| Code: PH0034C | 1mg to 500g | £60.00 |
| Code: PH0034D | 1mg to 1000g | £75.00 |
| Code: PH0034E | 1mg to 2000g | £142.00 |

## C Weighing Boats

Diamond shaped. White.

| | | |
|---|---|---|
| Code: 723-001 | 5ml, Pack of 1000 | £36.00 |
| Code: 723-002 | 30ml, Pack of 500 | £28.00 |
| Code: 723-003 | 100ml, Pack of 250 | £46.00 |

## D Porcelain Evaporating Basins

Porcelain evaporating basin with spout, round bottom, glazed inside and outside except underside of base.

**Code: 716-001** - 40ml, Each **£2.00**
**Code: EVAP80** - 80ml, Pack of 20 **£30.00**
**Code: C72G** - 100ml, Pack of 20 **£32.00**

## E Glass Evaporating Basins

Glass evaporating basin with spout & round bottom.

**Code: ED0503** - 100ml, Pack of 10 **£32.00**

## F Glass Beakers

Borosilicate glass, low form with spout. Graduated by 50ml increments. These beakers are equivalent to leading brands in quality, durability and heat resistance.

**Code: BK0104** - 50ml **£0.95**
**Code: BK0105** - 100ml **£0.85**
**Code: BK0107** - 250ml **£1.00**
**Code: BK0108** - 400ml **£1.25**
**Code: BK0110** - 600ml **£1.75**
**Code: BK0112** - 1000ml **£3.15**

## G Tripour Beakers

Beaker with three pouring spouts, made of ultra clear polypropylene with moulded-in graduations. Autoclavable up to 121 °C.

**Code: 702-011** - 50ml **£0.55**
**Code: 702-007** - 100ml **£0.65**
**Code: 702-009** - 250ml **£0.70**
**Code: 702-010** - 400ml **£0.75**
**Code: 702-012** - 900ml **£1.30**

A

## A Polypropylene Beakers

A range of polypropylene beakers having excellent clarity and very good chemical resistance. The products are autoclavable up to 130°C, have raised graduations on the outer surface and an excellent easy-pour tapered spout.

**Code: BEAK0050** - 50ml, Pack of 10 **£7.25**
**Code: BEAK0100** - 100ml, Pack of 10 **£7.50**
**Code: BEAK0250** - 250ml, Pack of 10 **£8.00**
**Code: BEAK0500** - 500ml, Pack of 5 **£8.50**
**Code: BEAK1000** - 1000ml, Pack of 5 **£10.50**
**Code: BEAK2000** - 2000ml, Pack of 5 **£24.00**

Polypropylene Beaker Sets:

**Code: EDU915** - Set of 5 **£8.50**
(10, 25, 50, 100 & 250ml)
**Code: 704-012** - Set of 8 **£22.00**
(10, 25, 50, 100, 250, 500, 1000 & 2000ml)
**Code: EDU1203** - Set of 4 **£9.50**
(50, 100, 250 & 500ml)
**Code: EDU881** - Set of 5 **£10.50**
(50, 100, 250, 500 & 1000ml)
**Code: TBEAK** - Set of 10 **£12.75**
(5 x 100ml & 5 x 250ml)
**Code: EDU906** - Set of 3 **£8.50**
(500, 1000 & 2000ml)

B

## B TPX Beakers

Crystal clear autoclavable, graduated beaker. The beaker is made from clear TPX for easy volume reading.

**Code: 704-041** - 50ml x 5ml **£2.50**
**Code: 704-042** - 100ml x 5ml **£2.95**
**Code: 704-043** - 250ml x 10ml **£4.95**
**Code: 704-044** - 500ml x 10ml **£6.50**
**Code: 704-045** - 1000ml x 20ml **£9.25**
**Code: 704-046** - 2000ml x 50ml **£29.00**

## C Reagent Bottles

Borosilicate glass, narrow mouth with acid proof polypropylene stopper.

| | |
|---|---|
| **Code: 704-021** - 30ml | £2.75 |
| **Code: 704-022** - 60ml | £2.95 |
| **Code: 704-023** - 125ml | £3.95 |
| **Code: 704-024** - 250ml | £7.00 |
| **Code: 704-025** - 500ml | £7.50 |
| **Code: 704-026** - 1000ml | £8.00 |

## D Amber Glass Reagent Bottles

Narrow mouth, amber glass with interchangeable dust-proof plastic stopper.

| | |
|---|---|
| **Code: 704-032** - 50ml | £3.25 |
| **Code: 704-029** - 100ml | £3.50 |
| **Code: 704-031** - 250ml | £7.25 |
| **Code: 704-033** - 500ml | £8.00 |
| **Code: 704-030** - 1000ml | £9.00 |

## E Specimen Bottles

Polypropylene with screw cap. 30ml volume, wide mouth with lid design that is easy to seal or remove.

| | |
|---|---|
| **Code: EDU651** - Pack of 10 | £9.00 |

## A Dropping Bottles

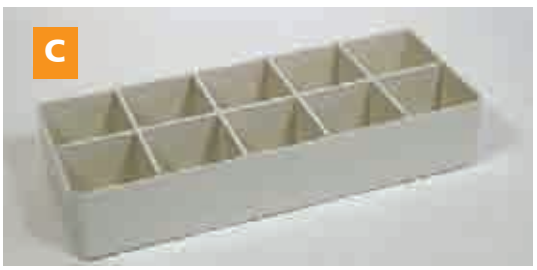
Low Density Polyethylene Dropping Bottles dispense small uniform drops of liquids when pressed lightly.

**Code: 704-027** - 60ml £0.50
**Code: 704-028** - 125ml £0.75

## B Glass Dropping Bottles

Borosilicate glass pipette dropping bottle with glass dropper, high density polythene stopper with dust-proof head and vinyl teat. Both stopper and teat are resistant to acids and alkalis.

**Code: EDU677A** - Clear, 30ml, Pack of 6 £14.70
**Code: EDU677B** - Clear, 60ml, Pack of 6 £15.75
**Code: EDU679A** - Clear, 125ml, Pack of 6 £19.00
**Code: EDU680A** - Amber, 30ml, Pack of 6 £16.00
**Code: EDU681B** - Amber, 60ml, Pack of 6 £22.00
**Code: EDU682A** - Amber, 125ml, Pack of 6 £29.40




## C Dropping Bottle Tray

Plastic tray with divider for dropper bottle storage. Holds 10 x 30ml dropper bottles. Removable divider. Size: 208 x 85 x 35mm (L x W x D)

**Code: 704-0001** £10.00

## D Wash Bottles

Resilient, translucent polyethylene narrow-mouth wash bottles. Material thickness designed for easy handling when squeezing. The cap is fitted with a flexible polyethylene delivery tube with nozzle, which can be aimed wherever required, and the nozzle has a removable cap.

**Code: CH0180A** - 125ml, Pack of 5 £4.75
**Code: CH0180B** - 250ml, Pack of 5 £5.25
**Code: CH0180C** - 500ml, Pack of 5 £7.00
**Code: CH0180D** - 1000ml, Pack of 5 £8.50

## E Beaker Brushes

Bristles on 40cm long wooden handle.
Head size: 65 x 45 x 150mm.

**Code: CH0214A** - Bristle, Pack of 10 **£21.00**
**Code: CH0214B** - Nylon, Pack of 10 **£21.00**

## F Burette Brushes

Burette brush on galvanised steel wire handle.
High quality materials used for durability.

**Code: CH0217A** **£10.50**
- Bristle, 25ml Burette, 610 x 16mm, Pack of 10

**Code: CH0217B** **£13.50**
- Bristle, 50ml Burette, 760 x 19mm, Pack of 10

**Code: CH0217C** **£17.00**
- Bristle, 100ml Burette, 915 x 25mm, Pack of 10

**Code: CH0217D** **£10.50**
- Nylon, 25ml Burette, 610 x 16mm, Pack of 10

**Code: CH0217E** **£13.50**
- Nylon, 50ml Burette, 760 x 19mm, Pack of 10

**Code: CH0217F** **£17.00**
- Nylon, 100ml Burette, 915 x 25mm, Pack of 10

## G Cylinder Brushes

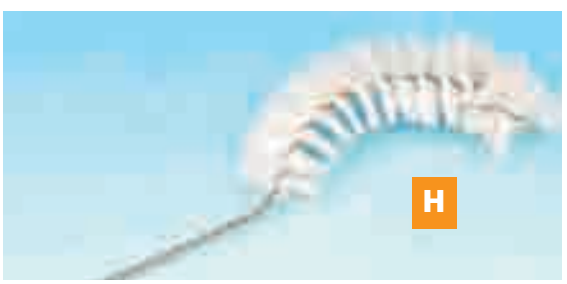
Brush head widens towards the end, with a slightly fanned tip . On galvanised wire handle. Diameter 50-100mm. Suitable for Erlenmeyer flasks, cylinders and beakers.

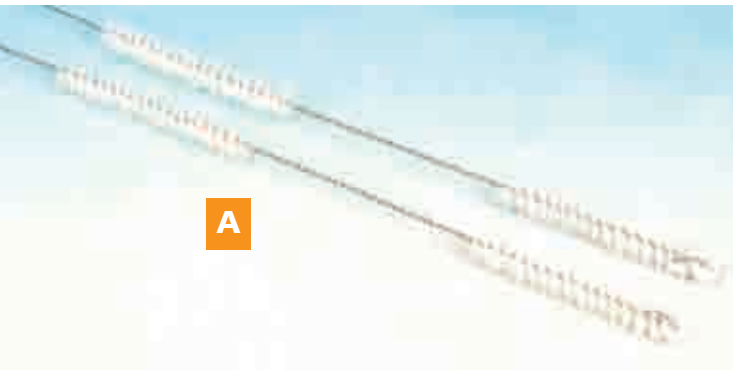
**Code: CH0220A** - Bristle, Pack of 10 **£21.00**
**Code: CH0220B** - Nylon, Pack of 10 **£21.00**

## H Flask Brushes

For round bottom flasks up to 100mm dia. On galvanised wire handle. Overall length: 480mm.

**Code: CH0216A** - Bristle, Pack of 10 **£25.00**
**Code: CH0216B** - Nylon, Pack of 10 **£25.00**






## A Pipette Brushes

Pipette brush. Head size 125 x 10mm. Overall length 400mm. For pipettes and tubes from 8-12 mm diameter.

**Code: CH0218A** - **Bristle, Pack of 10** **£12.50**

**Code: CH0218B** - **Nylon, Pack of 10** **£10.00**

## B Test Tube Brushes

Test tube brush with fanned tip on galvanized steel wire handle.

**Code: CH0204A** **£3.50**
**- Bristle, 11mm, Pack of 10**

**Code: CH0204B** **£5.50**
**- Bristle, 29mm, Pack of 10**

**Code: CH0204C** **£3.50**
**- Nylon, 11mm, Pack of 10**

**Code: CH0204D** **£5.50**
**- Nylon, 29mm, Pack of 10**

## C Test Tube Brushes

Test tube brush, head size 50 x 19mm (L x D), on galvanised wire, overall length 230mm.

**Code: CH0210A** - **Bristle, Pack of 10** **£7.50**

**Code: CH0210B** - **Nylon, Pack of 10** **£7.50**

## D Tapered Test Tube Brushes

Test tube brush with fluffed cotton yarn tip on galvanised steel wire handle.

**Code: CH0206A** **£8.50**
**- Bristle, Head 24-13mm, Pack of 10**

**Code: CH0206B** **£8.50**
**- Bristle, Head 35-25mm, Pack of 10**

**Code: CH0206C** **£8.50**
**- Nylon, Head 24-13mm, Pack of 10**

**Code: CH0206D** **£8.50**
**- Nylon, Head 35-25mm, Pack of 10**

## E Glass Stopcock Burettes

Class B Single Bore Burette with single straight bore. Interchangeable glass key stopcock with blue ceramic graduations. Accuracy ± 0.1ml. Class B.

**Code: 702-002** - 10ml x 0.1ml **£8.95**
**Code: 702-003** - 25ml x 0.1ml **£9.25**
**Code: 13234A** - 50ml x 0.1ml **£9.95**

## F PTFE Stopcock Burettes

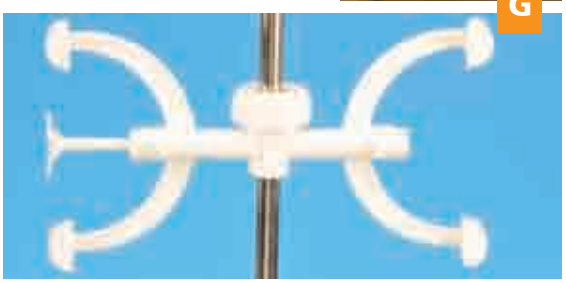
Burette with straight bore interchangeable PTFE key stopcock and blue ceramic graduations. Accuracy ± 0.1ml. This unit requires no lubrication and is sealed with a simple nut and 'O' ring mechanism. Class B.

**Code: 702-004** - 25ml x 0.1ml **£12.25**
**Code: 11780A** - 50ml x 0.1ml **£12.95**

## G Polypropylene Burette Clamps

Fisher clamp for burette

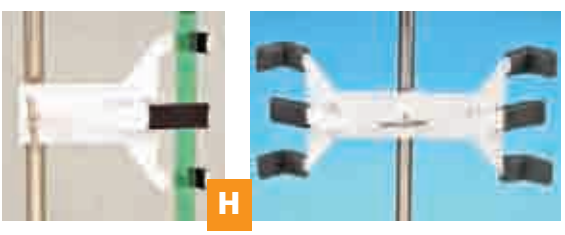
**Code: CH0262A** - Single **£15.50**
**Code: CH0262B** - Double **£18.00**



## H Burette Clamps

Die-cast retort clamp with built-in boss head. Spring loaded jaws furnished with rubber grips for quick and stable clamping. High quality finish to metal surfaces.

**Code: EDU732** - Single, Pack of 10 **£84.00**
**Code: EDU733** - Double, Pack of 10 **£160.00**




## I Hardwood Burette Stands

Seasoned hardwood, polished stand with clamp. Rods are approx. 460 x 16mm. Base: 100 x 200mm (*290mm)

**Code: C264** - Single **£19.00**
**Code: C264B** - Double* **£29.00**

## A Spirit Lamp Burner

Stainless steel spirit lamp with woven wick in holder and screw-on cap.

**Code: CH0535B** £7.95
**Code: 704-011** - Spare Wicks, Pack of 10 £5.25

## B Spirit Burner with Wick

Glass spirit lamp with metal wick holder and spare wick. Complete with plastic cap. 80ml capacity.

**Code: C532** £3.50
**Code: CH0352WK** £6.80
- Spare wicks, Pack of 10

## C Bunsen Burner Tubing

High quality tubing for secure connection of bunsen burners to gas taps. Silicon rubber, with reinforced ends.

**Code: 704-016** - 600mm, Pack of 10 £52.00
**Code: 704-017** - 900mm, Pack of 10 £69.00

## D Semi Micro Natural Gas Burner

Suitable for natural gas with air regulator. Burner tube 100 x 5.5mm(HxD). Connector 9mm (OD).

**Code: CH0099** £12.50

## E LPG Bunsen Burners

Nickel-plated burner tube with rotatable air regulator, mounted on an enamelled pressed-steel base with a cylindrical riffled connector. Base dia. 80mm, 8mm inlet. Packed in a sturdy presentation case for storage and shipping. Conforms to safety standards.

**Code: EDU1080** - 125 x 11mm (hxdia.) **£8.95**
**Code: EDU101** - 145 x 13mm (hxdia.) **£8.95**

## F Natural Gas Bunsen Burners

Nickel-plated burner tube with rotatable air regulator, mounted on an enamelled pressed-steel base with a cylindrical riffled connector. Base dia. 80mm, 8mm inlet. Packed in a sturdy presentation case for storage and shipping. Conforms to safety standards.

**Code: EDU1081** - 125 x 11mm (hxdia.) **£8.95**
**Code: EDU078** - 145 x 13mm (hxdia.) **£8.95**

## G Teclu Natural Gas Bunsen Burner

Natural gas burner with conical mixing section, screwed air regulator and gas control needle. It gives a very hot flame suitable for glasswork and soldering. Burner tube 125 x 13mm (HxD). Base dia. 80mm, 9mm inlet.

**Code: CH0096** - 13mm dia. **£23.00**

## A Becelec 2 Electric Burner

The new Becelec 2 Electric Burner offers a unique replacement option to conventional gas bunsen burners. The high power heater combined with a reflective internal stainless steel bowl produces a concentrated stream of heat comparable with that of existing gas-powered bunsen burners. The wire safety guard included adds to the safety aspect of this burner.

**Technical Specification:**
Dimensions: 310 x 200 x 110mm ( L x W xH)
Power: 500 watt.
Temperature range: 37 to 920° C
Weight: 1.7 Kg.
Diameter of heating area: 130mm.

**Code: 612-014** **£145.00**

## B SpinGene Microcentrifuge

Personal Interchangeable Microcentrifuge. SpinGene is ideal for DNA extraction and concentration, quick spin downs, microfiltration and cell separation. SpinGene is ergonomically designed with interchangeable rotors, non-slip base and transparent cover.

SpinGene is designed to be:
- Personal and affordable
- Lightweight and compact
- Quiet and quick to set up

**Supplied with:**
Two interchangeable rotors for 8 x 0.5ml & 1.5ml tubes or 16 x 0.2ml tubes (2 strips of 8)
Operation to 6500rpm providing 2000g RCF
230V AC, 50-60Hz
12 months warranty

**Code: 15E481** **£199.00**

## C Targa Centrifuge with Swing Out Rotor

The Targa centrifuge is designed specifically for the education market being a low cost, low energy product. Constructed with a durable steel body for safety, with four-place swing out rotor and removable buckets.

**Specification:**
Maximum speed: 2800rpm.
Rotor type: swing out.
Tube capacity: 15ml.
Maximum number of tubes: 4.
Tube dimensions (d x l): 17 x 100mm, 13 x 75mm (with green adaptors), 10 x 75mm (with grey adaptors).
Max radius: 130mm.
Max RCF: 1100g.
Rating: 100W.
External dimensions: 361 x 400 x 320mm (WxDxH with lid closed)
Warranty period: 3 Years
Safety class: 1
Voltage: 230V AC, 50-60Hz
Packed weight: 10.9kg
Packed dimensions: 450 x 410 x 320mm
Operation: Rotor activated push button.

**Code: 604-003** **£595.00**

## D Vortex Mixer

Ideally sized for personal use, the Grant-bio PV-1 vortex mixer is compact, with a low profile and small footprint, to sit in almost any location. The PV-1 is so small that it will fit in your hand - yet there is no compromise on performance. The reliable motor produces regulated and reproducible agitation throughout the speed range. It is also extremely quiet.With variable speed from 750 to 3000 rpm, the PV-1 can be used for gentle through to vigorous mixing and pellet resuspension in 0.5ml, 1.5ml, and 15ml tubes.

**Code: 604-006** **£119.00**

## E Round Bottom Clear Tubes

Round bottom clear polystyrene centrifuge tubes. 16mm x 95mm, graduated 2.5, 5 and 10ml to suit TARGA.

**Code: 603-064** - **Pack of 20** **£2.25**

## F Chromatography Paper

Chromatography Paper sheets 20x20cm.

**Code: 708-017** - **Pack of 100** **£39.00**

## G Chromatography Plates

TLC 'Polygram' plates precoated with silica gel, average pore diameter 6mm, layer thickness, 0.25mm. With fluorescent indicator. A general purpose plate which can be used for most separations.

**Code: 708-018** - **Pack of 50** **£49.95**

A

## A Colorimeter CO7500

The Biochrom WPA CO7500 colorimeter is a value for money instrument that has been designed for use in educational establishments such as schools and colleges. It is compact, lightweight and ergonomically designed to withstand student use! This makes it ideal for use in busy teaching laboratories. The large display is easy to read and the instrument is simple to both set up and use, giving rapid results. The samples can be measured in either standard or semi micro 10mm pathlength cuvettes or in 16mm diameter test tubes (adapters for 10/12 mm test tubes are available).

**Code: 612-038** £385.00

**Code: 612-039** - **Spare Filter Set** £72.00

**Code: 612-040** - **Spare Lamp** £30.00

**Code: 612-041** - **Cuvettes** £35.00

B

## B Pocket Colorimeters

A new range of low cost colorimeters for water testing. Easier to use and more accurate than test kits. Ideal for use by engineers, small enough to fit in the pocket. Large digital display in ppm (mg/l), Built-in timer. Auto shut-off. Supplied with two cuvettes, one cap, reagents for 6 tests, battery, instructions and case. Battery type; 1 x 1.5V AAA

**Code: 612-021** £42.00
**- Free Chlorine 0.0 to 2.50 mg/l**

**Code: 612-022** £7.00
**- Free Chlorine Reagents for 25 Tests**

**Code: 612-023** £42.00
**- Total Chlorine 0.0 to 3.50 mg/l**

**Code: 612-024** £7.25
**- Total Chlorine Reagents for 25 Tests**

**Code: 612-025** £42.00
**- Iodine 0.0 to 12.5 mg/l**

**Code: 612-026** £7.25
**- Iodine Reagents for 25 Tests**

**Code: 612-027** £42.00
**- Iron 0.0 to 5.00 mg/l**

**Code: 612-028** £6.75
**- Iron Reagents for 25 Tests**

**Code: 612-029** £42.00
**- Phosphate 0.0 to 2.50 mg/l**

**Code: 612-030** £8.50
**- Phosphate Reagents for 25 Tests**

**Code: 612-031** £42.00
**- Nitrite 0 to 200 ppb**

**Code: 612-032** £7.25
**- Nitrite Reagents for 25 Tests**

**Code: 612-033** £42.00
**- Phosphorus 0 to 200 ppb**

**Code: 612-034** £7.25
**- Phosphorus Reagents for 25 Tests**

## C Pocket Colorimeter Accessories

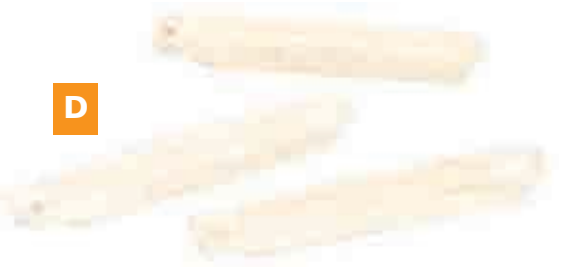
Accessories for Pocket colorimeters.

**Code: 612-035** - **Cuvettes, Pack of 4** **£15.95**
**Code: 612-036** - **Caps, Pack of 4** **£8.90**
**Code: 612-037** - **Cleaning solution** **£23.95**

## D Combustion Boat

Porcelain, with handle. 85 x 10 x 10 mm (LxWXH).

**Code: 708-013** **£4.00**




## E Combustion Tubes

Borosilicate glass, open both ends, for oxidisation and reduction of chemical substances. Length 30 cm.

**Code: 708-014** - **17mm x11mm Bore** **£0.95**
**Code: 708-015** - **22mm x17mm Bore** **£1.25**

## F Combustion Tube

Borosilicate glass, for reduction of metal oxides with hydrogen. A small hole in the side of the lower end of the tube allows for the escape of gas.

**Code: 708-016** - **150mm x25mm Bore** **£0.95**

## G 'G' Clamp

Drop-forged clamp finished with resistant coating.

**Code: EDU870** - **75mm** **£3.50**
**Code: EDU885** - **100mm** **£7.95**

A

## A Crucible with Lid

Porcelain crucibles with lid, glazed inside and outside except base.

| | | |
|---|---|---|
| Code: C74A | - 15ml | £1.00 |
| Code: C74B | - 25ml | £1.25 |

B

## B Stainless Steel Crucibles

Stainless steel crucibles can be re-used,unlike procelain which are single use. Material can be recycled. Can be dropped with no risk of fracturing or breaking. 0.7mm thick.

| | | |
|---|---|---|
| Code: 708-004 | - 15ml, dia. 30mm | £6.75 |
| Code: 708-005 | - 25ml, dia. 35mm | £6.95 |
| Code: 708-006 | - 30ml, dia. 40mm | £7.50 |
| Code: 708-008 | - 70ml, dia. 50mm | £13.00 |

## C Stainless Steel Crucible Lids

Stainless steel lid for crucible, 0.2mm thick.

| | | |
|---|---|---|
| Code: 708-009 | - 30mm | £4.95 |
| Code: 708-010 | - 35mm | £4.00 |
| Code: 708-011 | - 40mm | £4.25 |
| Code: 708-012 | - 70mm | £5.00 |

D

## D Glass Measuring Cylinders

Graduated borosilicate glass cylinder with spout, tall form with rounded base. Blue graduations. Class B.

| | | |
|---|---|---|
| Code: CY0401 | - 5ml x 0.1ml | £2.25 |
| Code: CY0402 | - 10ml x 0.2ml | £2.50 |
| Code: CY0403 | - 25ml x 0.5ml | £2.75 |
| Code: CY0404 | - 50ml x 1ml | £3.00 |
| Code: CY0405 | - 100ml x 1ml | £3.50 |
| Code: CY0406 | - 250ml x 2ml | £4.50 |
| Code: CY0407 | - 500ml x 5ml | £6.50 |
| Code: CY0408 | - 1000ml x 10ml | £13.00 |
| Code: CY0409 | - 2000ml x 20ml | £24.00 |

## E Polypropylene Measuring Cylinders

Polypropylene measuring cylinders having excellent clarity and good chemical resistance. Autoclavable up to 130ºC. These cylinders have raised graduations on the outer surface with an excellent easy-pour tapered spout.

**Code: MCYL0010** - 10 x 0.2ml, Pack of 10 **£9.50**
**Code: MCYL0025** - 25 x 0.5ml, Pack of 10 **£10.50**
**Code: MCYL0050** - 50 x 1ml, Pack of 10 **£10.75**
**Code: MCYL0100** - 100 x 1ml, Pack of 5 **£9.25**
**Code: MCYL0250** - 250 x 2ml, Pack of 5 **£14.00**
**Code: MCYL0500** - 500 x 5ml, Pack of 5 **£19.75**
**Code: MCYL1000** - 1000 x 10ml, Pack of 5 **£36.75**
**Code: MCYL2000** - 2000 x 20ml, Pack of 5 **£21.50**

## F Polypropylene Measuring Cylinder Sets

Sets of polypropylene measuring cylinders having excellent clarity and good chemical resistance. The products are autoclavable up to 130ºC. These cylinders have raised graduations on the outer surface with an excellent easy-pour tapered spout.

**Code: EDU1039** **£6.50**
- Set of 5 (10, 25, 50, 100, 250ml)

**Code: EDU1031** **£8.50**
- Set of 6 (10, 25, 50, 100, 250, 500ml)

**Code: EDU1078** **£18.00**
- Set of 4 (10, 50, 100, 1000ml)

**Code: EDU1033** **£21.00**
- Set of 6 (25, 50, 100, 250, 500, 1000ml)

**Code: EDU866** **£20.00**
- Set of 5 (50, 100, 250, 500, 1000ml)

## G TPX Measuring Cylinders

Crystal clear autoclavable, graduated measuring cylinder. The cylinder is made from clear TPX for easy volume reading. The cylinder has a hexagonal base which provides excellent stability.

**Code: 748-004** - 10ml **£1.80**
**Code: 748-005** - 25ml **£2.50**
**Code: 748-006** - 50ml **£2.95**
**Code: 748-007** - 100ml **£4.25**
**Code: 748-008** - 250ml **£7.50**
**Code: 748-009** - 500ml **£12.25**
**Code: 748-010** - 1000ml **£19.00**

## A Drying/Warming Cabinets

The GENLAB Drying/Warming Cabinets are suitable for drying a range of items such as glassware and instruments, and for any general purpose warming applications.

**Features and Specification:**
Maximum temperature: 50°C above ambient
Easy-clean powder coated body
Thermostat control for set temperature
Toughened glass doors, sliding
Full two-year warranty.
Three shelves
Capacity: 125L & 250L
Internal dimensions: 430 x 720 x 400mm & 520 x 980 x 480mm.

**Code: 610-007** - **125L** **£535.00**
**Code: 610-008** - **250L** **£765.00**

## B Insulated Drying/Warming Cabinets

The GENLAB Drying/Warming Cabinets are suitable for drying a range of items such as glassware and instruments, and for any general purpose warming applications. This insulated unit gives far greater temperature control, allowing greater accuracy during the drying and warming process. The resulting reduction in energy requirements gives a performance saving of over 30% compared to the non-insulated unit.

**Features and Specification:**
Maximum temperature: 50°C above ambient
Easy-clean powder coated body
Thermostat control for set temperature
Toughened glass doors, sliding
Full two-year warranty.
Three shelves
Capacity: 100L & 200L
Internal dimensions: 400 x 670 x 370mm & 490 x 930 x 450mm.

**Code: 610-009** - **100L** **£705.00**
**Code: 610-010** - **200L** **£995.00**

## C Deflagrating Spoon & Cap

Steel cup and rod held in a dished aluminium cap. Length: 350mm; Cap: 90mm; Cup: 18mm.

**Code: 612-019** **£1.95**
**Code: DFSPNA** - **Pack of 20** **£30.00**

## D Flask Stand

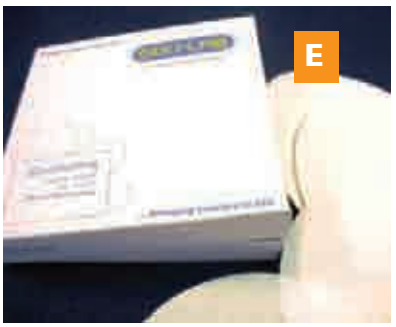
Polypropylene, stackable stand can be steam autoclaved. Will hold round bottom flask up to 10 litre capacity.

**Code: CH0417** **£13.50**

## E Filter Papers, Premium Grade

A good quality paper for general purpose use with medium retention and flowrate. 100 Circles/pack.

**Code: FLP090** - 90mm, Pack of 100 **£1.75**
**Code: FLP110** - 110mm, Pack of 100 **£1.95**
**Code: FLP125** - 125mm, Pack of 100 **£2.15**
**Code: FLP150** - 150mm, Pack of 100 **£3.25**




## F Conical Flasks

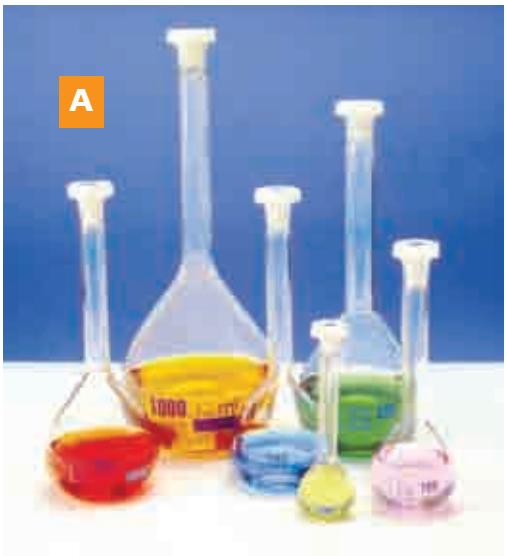
A conical, borosilicate glass Erlenmeyer flask with a narrow neck. Class B.

**Code: FL0702** - 50ml **£0.95**
**Code: FL0703** - 100ml **£1.25**
**Code: FL0705** - 250ml **£1.45**
**Code: FL0707** - 500ml **£1.95**
**Code: FL0708** - 1000ml **£3.40**

## G Wide Neck Conical Flasks

A conical, borosilicate glass Erlenmeyer flask with a neck. Class B.

**Code: 726-018** - 100ml **£1.95**
**Code: 726-019** - 250ml **£2.00**
**Code: 726-020** - 500ml **£2.50**
**Code: 726-021** - 1000ml **£3.95**
**Code: 726-022** - 2000ml **£9.50**




## A Volumetric Flasks with Stoppers

Volumetric, Borosilicate Glass with blue graduation. Fitted with chemical resistance stopper as per DIN standard 12664 and ISO1042. Class B.

| | |
|---|---|
| **Code: FL2603** - 25ml | £3.25 |
| **Code: FL2604** - 50ml | £3.25 |
| **Code: FL2605** - 100ml | £3.50 |
| **Code: FL2606** - 200ml | £5.95 |
| **Code: FL2607** - 250ml | £5.95 |
| **Code: FL2608** - 500ml | £6.95 |
| **Code: FL2609** - 1000ml | £11.00 |
| **Code: FL2610** - 2000ml | £20.00 |

## B Round Bottom Flasks

Borosilicate glass round bottom flask, narrow neck with rim. DIN 12347.

| | |
|---|---|
| **Code: FL1501** - 50ml | £3.95 |
| **Code: FL1502** - 100ml | £4.25 |
| **Code: FL1503** - 250ml | £4.50 |
| **Code: FL1504** - 500ml | £5.75 |

## C Buchner/Filter Flasks

Excellent quality flask made from borosilicate glass.

| | |
|---|---|
| **Code: 726-013** - 100ml 19/26 | £2.95 |
| **Code: 726-014** - 100ml 24/29 | £3.45 |
| **Code: 726-015** - 250ml 24/29 | £3.95 |
| **Code: 726-016** - 500ml 24/29 | £5.95 |
| **Code: 726-017** - 1000ml 24/29 | £9.50 |

## D Filter Funnels

Borosilicate glass funnel, with typical long-stem construction. Unaffected by acids, alkalis etc.

**Code: 726-029** - 35mm, Pack of 10 **£17.00**
**Code: 726-030** - 45mm, Pack of 10 **£18.00**
**Code: 726-001** - 55mm, Pack of 10 **£19.00**
**Code: 726-031** - 75mm, Pack of 10 **£22.00**
**Code: 726-032** - 100mm, Pack of 10 **£33.00**
**Code: 726-033** - 150mm, Pack of 10 **£125.00**

## E Thistle Funnel

Thistle funnel, neutral glass, stout walled. 250mm length. 25mm dia.

**Code: CH0488B** **£2.60**

## F Polypropylene Funnels

Polypropylene, filter type, plain with long stem, unaffected by acids and alkali etc.

**Code: EDU212** - 55mm, Pack of 10 **£2.75**
**Code: EDU742** - 65mm, Pack of 10 **£5.25**
**Code: EDU175/PK10** - 75mm, Pack of 10 **£5.50**
**Code: EDU743** - 95mm, Pack of 10 **£7.35**
**Code: C454SET** **£2.60**
- Set of 3, (50, 75 & 100mm)
**Code: EDU874** **£6.30**
- Pack of 10, (5x75mm & 5x95mm)

## G HDPE Funnel

Funnels designed for multipurpose use. Make filling of carboys, drums and barrels very convenient. Handles make for ease in use.

**Code: 726-023** - 200mm **£5.00**
**Code: 726-024** - 250mm **£7.00**

## A Funnel Stands

Polished wood base with clamping screws. Rods are approx. 460mm x 16mm dia.

**Code: CH0689A - Single** £10.50
**Code: CH0689B - Double** £15.00

## B Buchner Funnels

Porcelain with straight sides above the perforated plate. For the full range of Buchner funnels and specifications for each please refer to the table opposite.

**Code: CH0462A - 35mm** £2.40
**Code: CH0462B - 50mm** £4.25
**Code: CH0462C - 60mm** £7.00
**Code: CH0462D - 75mm** £7.35
**Code: CH0462E - 100mm** £7.95
**Code: CH0462F - 125mm** £10.50
**Code: CH0462G - 150mm** £13.50
**Code: CH0462H - 200mm** £47.00
**Code: CH0462I - 250mm** £58.00
**Code: CH0462J - 300mm** £94.00

| Code | Top Dia. (mm) | Height (mm) | Paper dia. (mm) | Capacity (ml) |
|---|---|---|---|---|
| CH0462A | 35 | 100 | 27 | 15 |
| CH0462B | 50 | 100 | 40 | 35 |
| CH0462C | 60 | 108 | 50 | 60 |
| CH0462D | 75 | 120 | 70 | 100 |
| CH0462E | 100 | 170 | 90 | 325 |
| CH0462F | 125 | 200 | 110 | 575 |
| CH0462G | 150 | 200 | 130 | 850 |
| CH0462H | 200 | 245 | 175 | 1950 |
| CH0462I | 250 | 260 | 230 | 4000 |
| CH0462J | 300 | 305 | 260 | 5200 |

## C Gas Jars

Cylindrical, clear glass, ground flange and heavy foot. Supplied without covers. 50mm dia.

**Code: C494A - 150mm, Pack of 10** £52.00
**Code: C494B - 200mm, Pack of 10** £58.00
**Code: C494C - 250mm, Pack of 10** £72.00
**Code: C494D - 300mm, Pack of 10** £79.00

## D Gas Jar Covers

Circular sheet glass, ground one side.

**Code: CH0496A - 50mm, Pack of 10** £2.60
**Code: CH0496B - 65mm, Pack of 10** £2.75
**Code: CH0496C - 75mm, Pack of 10** £3.15
**Code: CH0496D - 90mm, Pack of 10** £5.50
**Code: CH0496E - 100mm, Pack of 10** £5.75

## E Beehive Shelf

Made of porcelain, glazed both inside and out. For use in pneumatic troughs for gas collection.

**Code: BHSHL07** - 75mm **£2.25**

**Code: BHSHL10** - 100mm **£3.25**

## F Wooden Splints

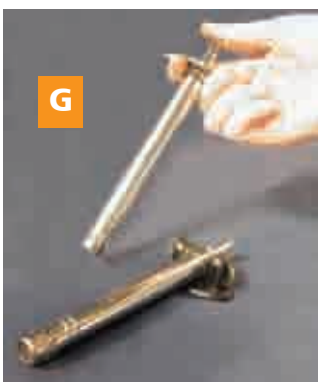
For lighting burners or testing for oxygen etc. Supplied in bundles of approximately 1,000 splints.

**Code: EDU740** - Pack of approx.1000 **£3.80**

## G Gas Lighter

Suitable for igniting the common fuel gases. Sparks produced by squeezing the handle. No battery required.

**Code: EDU080** **£5.50**




## H Plain Wire Gauze

Plain gauze wire squares without ceramic centres.

**Code: GUZPL125** **£5.95**
- 125 x 125mm , Pack of 10

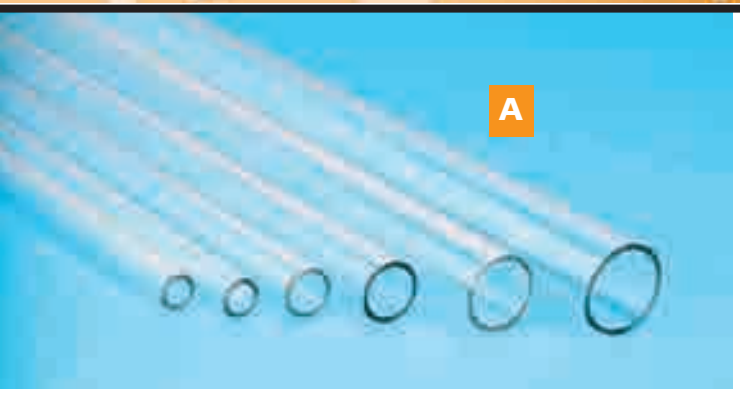
**Code: GUZPL150** **£6.50**
- 150 x 150mm , Pack of 10

## I Wire Gauze

Square, with flat circular ceramic centre. Extra strong quality, well finished edges for safety. Packed in neat shelf cartons with inner protection and drying agent.

**Code: GUZCR125** **£6.75**
- 125 x 125mm , Pack of 10

**Code: GUZCR150** **£7.95**
- 150 x 150mm , Pack of 10




## A Borosilicate Glass Tubing

0.5m lengths.

**Code: C745C** - 6mm, Pack of 30 **£25.00**
**Code: C745D** - 7mm, Pack of 30 **£27.00**
**Code: C745E** - 8mm, Pack of 30 **£29.00**

## B Glass Tubing Cutter

With diamond scribing point on spring arm and aluminium alloy body with 'V' groove. Suitable for use with soda and borosilicate glass tubing.

**Code: 707-001** **£12.00**

## C Diamond Glass Cutter

For cutting of sheets of glass up to 3 mm thick. Mounted in brass with wooden handle. Overall length 17.5 cm.

**Code: 724-002** **£5.00**

## D Heating Mantles

Controlled heating mantle.

**Specification:**
Case construction: Steel, with chemical resistant coating Thermal Insulation: Moulded silica powder.
Heating Element: Nichrome wire
Mantle: Woven glass fibre mat.
Element Temperature: Up to 450°C (Max).
Power Supply: 220V AC. 80W.

**Code: 611-003** - 100ml **£140.00**
**Code: 611-004** - 250ml **£150.00**
**Code: 611-005** - 500ml **£175.00**

## E Hotplate with Magnetic Stirrer

Case construction: Steel, with chemical resistant coating
Stage Area: 180 x 180mm Temperature: Up to 400°C (Max) Speed Range: 100 ~ 1500 rpm.
Power Supply: 220V AC.

**Code: 607-019** **£195.00**

## F Disposable Inoculating Loops

Sterile, disposable inoculating loop.

**Code: 732-001** - **Pack of 20** **£1.35**

## G Measuring Jugs

Polypropylene measuring jugs having excellent clarity and good chemical resistance. The products are autoclavable up to 130°C. The jugs have raised graduations on the outer surface and an excellent easy-pour tapered spout.

**Code: JUG0250** - **250ml, Pack of 10** **£23.00**
**Code: JUG0500** - **500ml, Pack of 10** **£24.00**
**Code: JUG1000** - **1000ml, Pack of 5** **£15.00**
**Code: JUG02000** - **2000ml, Pack of 5** **£25.00**
**Code: EDU781** **£6.50**
**- Set of 3 (250, 500 & 1000ml)**
**Code: EDU1202** **£11.00**
**- Set of 4 (250, 500, 1000 & 2000ml)**

## H Laser Pen

This inexpensive and lightweight laser pen is useful for ray optics demonstrations and simple diffraction work. In addition to this you can make your point on overhead images with this useful presentation tool.

**Caution: Do not stare into the beam or view directly with optical instruments.**

**Code: 712-004** **£22.00**

## A Incubators

The GENLAB General Purpose Incubators offer a range of highly efficient, reliable, cost effective units to suit most biological analysis, research and general laboratory applications.

**Features and specifications:**

- Easy clean powder-coated body
- Direct reading thermostat
- Safety overheat thermostat
- Aluminium coated mild steel chamber
- Two shelves
- Full two year warranty
- Temperature range: ambient +5°C to 100°C
- Fluctuation: ±0.25°C @ 37°C
- Capacity: 18L, 30L, 40L, 50L & 75L
- Internal dimensions:
- 260 x 260 x 270mm (18L)
- 260 x 360 x 350mm (30L)
- 320 x 360 x 350mm (40L)
- 330 x 490 x 330mm (50L)
- 330 x 490 x 450mm (75L)

| | |
|---|---|
| **Code: 610-011** - 18L | £495.00 |
| **Code: 610-012** - 18L + Visibility Door | £525.00 |
| **Code: 610-013** - 30L | £535.00 |
| **Code: 610-014** - 30L + Visibility Door | £545.00 |
| **Code: 610-015** - 40L | £575.00 |
| **Code: 610-016** - 40L + Visibility Door | £585.00 |
| **Code: 610-017** - 50L | £615.00 |
| **Code: 610-018** - 50L + Visibility Door | £645.00 |
| **Code: 610-019** - 75L | £705.00 |
| **Code: 610-020** - 575L + Visibility Door | £725.00 |

## B Brass Masses

Small form slotted mass and hangers.

| | |
|---|---|
| **Code: MB001** - 1g | £0.70 |
| **Code: MB002** - 2g | £0.70 |
| **Code: MB005** - 5g | £0.75 |
| **Code: MB010** - 10g | £0.75 |
| **Code: MB020** - 20g | £1.00 |
| **Code: MB050** - 50g | £1.75 |
| **Code: MB100** - 100g | £2.75 |
| **Code: MHB010G** - 10g, Hanger only | £1.55 |
| **Code: MHB020G** - 20g, Hanger only | £1.90 |
| **Code: MHB050G** - 50g, Hanger only | £2.35 |
| **Code: MHB100G** - 100g, Hanger only | £3.30 |

## C Brass Mass Sets

Small form slotted mass and hanger sets.

**Code: EDU087** £7.25
- 100g total (10g Hanger, 9 x 10g Masses)

**Code: EDU088** £19.50
- 500g total (50g Hanger, 9 x 50g Masses)

**Code: EDU089** £35.50
- 1000g total (100g Hanger, 9 x 100g Masses)

**Code: P260** £6.50
- 100g (20g Hanger and 4 x 20g Masses)

**Code: P262** £13.00
- 250g (50g Hanger, 9x20g, 1x10g, 2x5g Masses)

**Code: EDU1025** £22.00
- 438g total (50g Hanger and 1 each of : 200g, 100g, 50g, 20g, 10g, 5g, 2g & 1g)

## D Cast Alloy Masses

Slotted masses. Flat, with large central hole and small slot to prevent masses sliding off hanger. Manufactured from cast alloy, accuracy 1%.

**Code: EDU877** - 10g, Pack of 3 £2.25

**Code: EDU878** - 20g, Pack of 3 £3.50

**Code: EDU879** - 50g, Pack of 3 £5.95

**Code: EDU903** - 100g, Pack of 5 £12.00

**Code: EDU880** £7.95
- 50g Hangers, Pack of 3

**Code: EDU902A** £18.00
- 100g Hangers, Pack of 5

## E Cast Alloy Mass Sets

Small format cast alloy mass & hanger sets.

**Code: EDU904** £9.00
- 100g (9x10g Mass, 1x10g Hanger)

**Code: EDU904A** £30.00
- 100g (9x10g Mass, 1x10g Hanger), Pack of 4

**Code: EDU905** £14.50
- 1000g (9x100g Mass, 1x100g Hanger)

**Code: EDU905A** £50.00
- 1000g (9x100g Mass, 1x100g Hanger), Pack of 4

## A Cast Masses

Large format slotted masses.

| | |
|---|---|
| **Code: EDU771** - 100g | £3.00 |
| **Code: EDU772** - 200g | £4.25 |
| **Code: EDU773** - 500g | £6.25 |
| **Code: EDU774** - 1000g | £8.95 |
| **Code: EDU775** - 2000g | £17.00 |
| **Code: EDU776** - 5000g | £29.00 |
| **Code: EDU777** - 10,000g | £58.00 |
| **Code: EDU778** - 500g, Hanger only | £7.00 |
| **Code: EDU779** - 1000g, Hanger only | £14.75 |

## B Hexagonal Masses with Ring

Hexagonal iron mass with lifting ring.

| | |
|---|---|
| **Code: HEX50** - 50g | £3.25 |
| **Code: HEX100** - 100g | £3.50 |
| **Code: HEX200** - 200g | £3.75 |
| **Code: HEX500** - 500g | £5.95 |
| **Code: HEX1000** - 1000g | £7.50 |
| **Code: HEX2000** - 2000g | £17.50 |
| **Code: HEX5000** - 5,000g | £37.50 |

## C Weighing Set on Tray

A combined set of accurate steel and brass weights that are housed in a sturdy blue moulded tray. Provides for weighing objects from 10g to 1990g in 10g increments. 3 steel weights and 6 brass weights.

**Contents:**
1 each of - 1kg, 500g, 200g, 50g, 20g; 2 each of - 100g & 10g; 1 Moulded Tray.

**Code: EDU769** £27.00

## D Melting Point Apparatus, Simple

Basic equipment for determining the melting point of substances. Consists of an aluminium block with hole for thermometer (not supplied). Ideal for individual student use.

**Code: EDU990T** **£22.00**

## E Melting Point Apparatus

This ergonomic apparatus has been designed with safety and ease of operation in mind, making it ideal for use in education and industry alike. A single control knob on the front panel incorporates the mains ON/OFF switch with arbitrary scale of 0 to 10. A rapid heat switch allows higher temperatures to be obtained quickly. Sample tubes are illuminated from behind and magnified through a lens. A selector at the rear of the instrument allows a light or dark background. Ceramic insulation around the aluminium heating block minimises heat transfer to the casing. Supplied with instructions.

Electrical supply: 230V AC, 50/60Hz
Weight: 1.5kg
Temperature range: Ambient to + 350ºC

**Code: MELTP** **£385.00**

## F Capillary Melting Point Tube

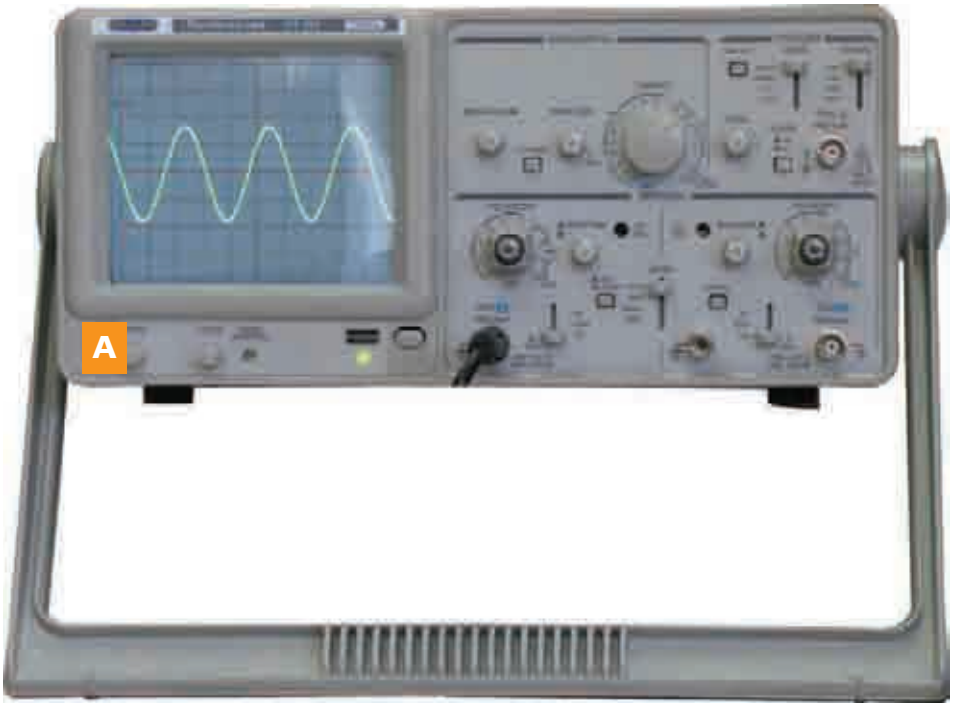
Capillary melting point tube, borosilicate glass, wall thickness 0.2mm.

**Code: CH0882** - **Pack of 100** **£3.95**

## G Thiele Melting Point Tube

Borosilicate glass, for determining the melting point of organic compounds. Diameter of tube: 25mm. Length: 150mm.

**Code: CH0884** **£12.50**




## A Oscilloscope

**Features includes:**
20MHz Dual Channel; High Sensitivity 1mV/DIV; 5mV/DIV Sensitivity on Both Channels; CH1 & CH2 Independent Channels; CH1 Signal Output; Two waveforms in different frequency can be observed via alternative trigger function; High-speed sweep; Algebraic Addition and Subtraction; X-Y Operation; 0.2µs/div to 0.5s/div Time Base(Uncal up to 20ns); Z Modulation TTL Level; 8 x 10 cm Display Internal Graticule; TV signal synchronous function, TV Triggering Frame (V) & Line (H); Line Trigger, ALT Triggering. **Detailed technical data available on request.**

**Code: 241-511** **£305.00**

## B Ovens

The GENLAB General Purpose Ovens are a range of highly efficient, reliable, cost effective units to suit most drying, warming and general laboratory applications.

**Features and specification:**

Temperature range: 40 to 250°C
Fluctuation ±0.75°C
Easy clean powder-coated body
Aluminium coated mild steel chamber
Direct reading thermostat
Safety overheat thermostat
Full two year warranty
One shelf
Capacities: 6, 18, 30, 40, 50 & 75L
Interior dimensions:
150 x 230 x 190mm (6L); 260 x 260 x 270mm (18L)
240 x 360 x 350mm (30L); 320 x 360 x 350mm (40L)
330 x 490 x 330mm (50L); 330 x 490 x 450mm (75L)

**Code: 610-001 - 6L** **£449.00**
**Code: 610-003 - 18L** **£485.00**
**Code: 610-004 - 30L** **£515.00**
**Code: 610-005 - 40L** **£575.00**
**Code: 610-002 - 50L** **£595.00**
**Code: 610-006 - 75L** **£735.00**

## C Test Papers

Plastic Case of 10 books each with 20 leaves.

| | |
|---|---|
| **Code: CH0625G** - Cobalt Chloride | £2.75 |
| **Code: C622A** - Litmus Red | £2.25 |
| **Code: C622B** - Litmus Blue | £2.25 |
| **Code: C622C** - Litmus Neutral | £2.25 |
| **Code: C627** - Universal Indicator, pH1-11 | £2.75 |
| **Code: EDU893** - Universal Indicator, pH1-14 | £3.15 |

C

## D pH Indicator Dispenser

Indicator paper supplied in plastic dispenser containing 5 metres of 8mm wide test strip. A colour chart is provided on the side of the dispenser.

| | |
|---|---|
| **Code: CH0627A** - pH 1-14 | £4.50 |
| **Code: CH0627B** - pH 1-11 | £4.50 |

D

## E Test Strips

| | |
|---|---|
| **Code: PR0250** - Protein, Pack of 50 | £7.90 |
| **Code: GLU101** - Glucose, Pack of 50 | £9.45 |

E

## A pH Turtle with Electrode & Software

A sophisticated yet easy-to-use transmitter that turns any PC into a pH meter. Simply plug it into your PC's serial port and go! The user-friendly software allows continuous real-time data logging right from the desktop.

The main software window displays a virtual pH meter, a continuously updating table of logged data and a real-time graph. Manual temperature compensation, log on demand, logging interval and even high & low alarm settings are easily programmed from your keyboard. It is supplied with a double-junction, refillable pH electrode to ensure a long life, even in varied and unclean samples.

The pH Turtle can be easily calibrated on 1, 2 or 3 points through your keyboard. The meter automatically recognizes pH 4, 7 and 10 buffers. User can set high and low alarms which can be visually displayed in graph and table windows. The software can also provide an audible 'beep' whenever the value is outside the desired interval.
The pH Turtle is supplied complete with Windows® Compatible Software, 1m Cable with RS-232 Connector, pH Electrode and instructions.

**Specifications:**

Accuracy of pH at 20°C/68°F ±0.2
Dimensions (OD x H) 88 x 40mm
Environment
Environment (Temp.) 0° to 50°C; (RH) 95%
Temperature Compensation (°C) Manual 0° to 100°
Typical EMC Deviation of pH ±0.2
Weight Metric 250 g
pH Calibration Automatic 1, 2 or 3 points through keyboard
pH Range 0.0 to 14.0; pH Resolution 0.1

**Code: 614-013** **£62.00**

## B Hand Held pH Meter

A rugged, portable pH meter with simple-to-use rotary dial and manual two-point calibration. Temperature compensation can be set manually to improve pH accuracy. Supplied with a double junction pH electrode with 1m cable.

**Specification:**

Range: 0.0 -14.0 pH
Battery life:100 hours approx.
Dimensions: 185 x 82 x 53mm
Weight: 265g

**Code: 614-010** **£145.00**

## C Compact pH/C Meter with pH Electrode

pH meter designed for use where space is at a premium. Featuring the main requirements of a laboratory pH meter: auto temperature compensation; auto calibration; an accuracy of ±0.02 pH; can be run on mains or battery power. Because of its small footprint, built-in beaker and electrode stand the meter can be used practically anywhere. A large dual-level LCD display reads both pH and temperature simultaneously. Supplied with combination pH/C probe, plastic beaker, electrode holder, calibration solutions, mains power cable and battery.

**Features and specification:**

- pH electrode with temperature sensor
- Built-in beaker holder and beaker-top electrode holder
- Small desk top footprint - 190 x 105mm
- Reads pH and temperature
- Large LCD screen
- Easy one-button calibration
- Mains or battery operated
- pH range: –2.00 to 16.00
- pH Resolution: 0.1
- pH accuracy: ±0.02
- Temperature range: –5.0 to 105.0°C
- Temperature resolution: 0.1°C
- Temperature accuracy: ±0.5°C up to 60°C; ±1° up to 105°C or ±1°F up to 140°; ±2°F up to 221°F
- pH calibration: Auto at 1 or 2 points
- Power supply: 230V AC Mains to 12V DC, or 9V battery
- Dimensions (W x D x H): 190 x 105 x 50mm
- Weight: 450g

**Code: 614-011** **£199.00**
**Code: 614-012** **- with Magnetic Stirrer** **£235.00**

## D Digital pH Meter

A robust, inexpensive, hand held pocket LCD pH meter with 0.01 resolution and standard combination electrode with screw fit. Ideal for laboratory use or where a quick and easy reading is required.

- Range: 0 to 14 pH
- Resolution: 0.01 pH
- Accuracy: ± 0.2 pH
- Calibration: Manual two point
- Operating temp.: 0 to 50°c
- Dimensions: (incl. electrode) 180 x 50 x 25mm

**Code: EDU1032** **£32.00**

## E Pocket pH Meter

A lightweight, splash proof, pocket size tester. Ideal for pH spot reading precise to 0.1 pH with large easy to read LCD display. Supplied in case with 3 x 1.5V alkaline batteries. Battery life 700 hours approx.

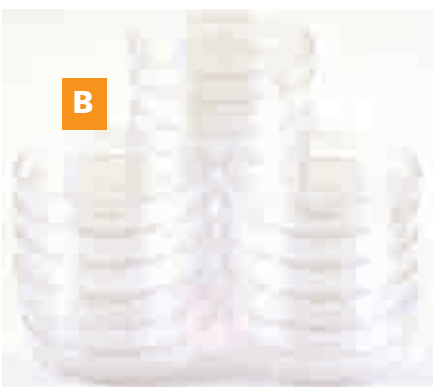
- Range: 0.0 to 14.0 pH
- Resolution: 0.01pH
- Environment: 0 to 50°C
- Accuracy: ± 0.1 pH
- Mass: 85g
- Dimensions: 150 x 30 x 24mm

**Code: CH0892** **£59.00**

## A Pestle & Mortar

Porcelain with unglazed grinding surface.

**Code: PM80** - 50ml, 80mm dia. **£3.50**
**Code: PM90** - 150ml, 90mm dia. **£4.25**
**Code: PM100** - 175ml, 100mm dia. **£4.50**
**Code: PM130** - 300ml, 130mm dia. **£4.95**
**Code: PM150** - 500ml, 150mm dia. **£11.00**




## B Petri Dishes

Dishes are produced from cytotoxicity tested, FDA approved virgin polystyrene with triple vents and high optical clarity.

**Code: 101VR20** - 90mm, Pack of 20 **£2.25**

## C Glass Petri Dishes

Borosilicate Glass 90mm.

**Code: 760-001** - 90mm, Pack of 10 **£10.50**

## D Petri Dish Rack

Clear acrylic with white polycarbonate posts. This handy rack will hold 60 Petri dishes of 90mm diameter. Useful during inoculation, incubation and storage.

**Code: CH0376** **£52.00**

## E Diji Liquid Handling System

diji is the unique new instrument for handling laboratory liquids. diji combines the positive displacement features of a syringe with the traditional graduations of a pipette, making it simple and easy to use - in the laboratory or in the field.

**Half syringe + half pipette = half the effort**

diji liquid handling equipment leads the field in:

Accuracy Safety Reliability Ease of use
Precision Durability

Liquids are dispensed or aspirated by nestling the hand-piece in the palm of the hand and stroking the piston rod, with the thumb, in a very relaxed and natural way. The operator can not suck liquid into the wrong places there-fore contamination is eliminated and cleaning is easier. diji is autoclavable when assembled or dismantled.

diji consists of simple parts and is easily repairable:
Simple PTFE (Teflon®) seal assembly; piston rod assembly; borosilicate glass Syrette; handgrip.

**Grade B**

| | |
|---|---|
| **Code: EDU1000** - 10ml | £15.75 |
| **Code: EDU1001** - 25ml | £15.75 |
| **Code: EDU1000/5** - 10ml, Pack of 5 | £73.50 |
| **Code: EDU1001/5** - 25ml, Pack of 5 | £73.50 |

**Grade A**

| | |
|---|---|
| **Code: 712-008** - 10ml | £18.00 |
| **Code: 712-018** - 25ml | £18.00 |

## F One Mark Pipettes

Borosilicate glass, bulb form, single graduation on upper stem and colour coded.

| | |
|---|---|
| **Code: CH0558A** - 1ml, Blue | £1.75 |
| **Code: CH0558B** - 2ml, Orange | £1.75 |
| **Code: CH0558C** - 5ml, White | £1.75 |
| **Code: CH0558D** - 10ml, Red | £1.95 |
| **Code: CH0558E** - 15ml, Green | £2.75 |
| **Code: CH0558F** - 20ml, Yellow | £2.95 |
| **Code: CH0558G** - 25ml, Blue | £3.25 |
| **Code: CH0558H** - 50ml, Red | £3.75 |

A

## A Pipettes

Pipette, straight form, neutral glass, graduated.

**Code: CH0564A** - 1ml X 0.01ml **£2.95**
**Code: CH0564B** - 2ml X 0.02ml **£2.95**
**Code: CH0564C** - 5ml X 0.05ml **£2.95**
**Code: CH0564D** - 10ml X 0.1ml **£2.75**
**Code: CH0564E** - 25ml X 0.2ml **£5.00**

## B Dropping Pipettes

125mm glass body pipette with rubber teat. Useful for dispensing liquid from test tubes.

**Code: EDU163** - Pack of 20 **£4.25**

## C Disposable Graduated Pipettes

Translucent pipettes with precise graduation and good chemical resistance. Length: 155mm.
3ml x 0.5ml graduations

**Code: EDU655** - Pack of 40 **£2.25**
**Code: EDU655A** - Pack of 500 **£12.00**

## D Rubber Teats

Rubber bulb teats for use with dropper pipettes.

**Code: CH0232A** - 50ml, Pack of 20 **£10.50**

## E Rubber Teats

Heavy weight rubber bulb, for pipettes & medicine droppers. Diameter 5 to 6mm.

**Code: CH0232B** - 1ml, Pack of 20 **£10.50**

## F Latex Teats

Latex bulb fits diameter 6 to 8 mm.

**Code: CH0232C** - 2ml, Pack of 20 **£10.50**

## G Rubber Teats

Rubber, pear-shaped teats for use with pipettes etc.

**Code: CH0230A** - 5ml, Pack of 20 **£10.50**
**Code: CH0230B** - 10ml, Pack of 20 **£10.50**
**Code: CH0230C** - 15ml, Pack of 20 **£10.50**
**Code: CH0230D** - 25ml, Pack of 20 **£14.50**
**Code: CH0230E** - 50ml, Pack of 20 **£21.00**

## H Rubber Teats

For use with dropper pipettes etc.

**Code: C232** - 2ml, Pack of 10 **£5.25**

## I Pipette Filler

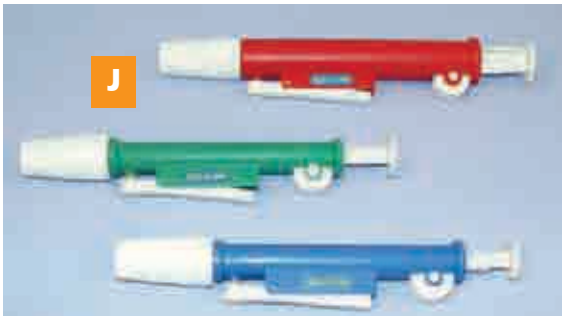
Bulb-type rubber pipette filler for pipetting noxious solutions, microbial suspensions and other harmful and unpleasant solutions. Consists of a bulb and three pinch valves controlling influx and efflux of the pipette contents. Bulb diameter: 54mm.

**Code: C6586A** **£34.00**

## J PI Pump Pipette Filler

Fast-release pipetting device for precise pipetting or zip-quick emptying. The thumb wheel can be rotated to precisely draw up or dispense liquids, or alternatively the releaser may be pushed in for virtually instant emptying. The moulded chuck has a silicone rubber collar inside to hold various pipettes of standard sizes. It resists acids and alkalis and can be easily disassembled for thorough cleaning.

**Code: PIPUMP2** - 2ml **£8.50**
**Code: PIPUMP10** - 10ml **£8.50**
**Code: PIPUMP25** - 25ml **£8.50**



## A Pipette Stand

Polished wooden stand, two sided. Height: 230mm Width: 260mm Depth: 120mm.

**Code: C589 - 12 horizontal** **£23.00**

## B Pipette Stand

This autoclavable stand is two sided, with two ends joined to each other with three metal rods, all coated with polypropylene, to hold the pipettes.

**Code: C592 - 12 horizontal** **£19.95**

## C Pipette Stand

A polished, wooden stand, with four rubber feet, which holds 12 or 24 pipettes vertically. Height: 41 cm. Width: 36cm. Depth: 11cm.

**Code: C588 - 12 vertical** **£18.00**

**Code: C590 - 24 vertical** **£36.00**

## D Pipette Stand

Stable, high-density polypropylene stand. Adjustable discs to accommodate different pipette lengths.

**Code: C594 - 28 vertical** **£37.00**

## E Pipettor, Variable Volume Pipettes

A range of user friendly micropipettes with variable digital volume deliveries. The pipettes are adjustable, air displacement units made to the highest standards.

**Code: CH0582A** - 0.5-10µl x 0.1µl **£58.00**
**Code: CH0582B** - 2-20µl X 0.1µl **£58.00**
**Code: CH0582C** - 5-50µl X 1µl **£58.00**
**Code: CH0582D** - 10-100µl X 1µl **£58.00**
**Code: CH0582E** - 20-200µl X 1µl **£58.00**
**Code: CH0582F** - 100-1000µl X 10µl **£58.00**

## F Pipettor, High Volume Pipettes

Specially designed for safe day-to-day laboratory pipetting and dilution work. Eradicates use of glass pipettes and dangerous mouth pipetting. With an increment of 0.1 ml., they provide high accuracy not achievable with conventional glass pipetting in reagent preparations, dilutions, colorimetric tests and cell cultures.

Calibration and specifications conform to DIN 12650.

**Code: CH0584A** - 1-5ml x 0.1ml **£65.00**
**Code: CH0584B** - 2-10ml X 0.1ml **£65.00**

## G Vari-Fix Micropipettes

Designed for critical low volume pipetting for application in molecular biology, biotechnology, DNA amplification, DNA sequencing, restriction enzyme and immuno assays. With specially designed position, it handles volume down to 0.5 microlitre with outstanding accuracy and reproducibility.

**Code: CH0583A** - 5-25µl **£72.00**
**Code: CH0583B** - 10-50µl **£72.00**
**Code: CH0583C** - 100-500µl **£72.00**

## H Micropipette Tips

Tips for use with fixed and variable volume micropipettes

**Code: CH0587A** - 10µl, Pack of 100 **£6.50**
**Code: CH0587B** - 200µl, Pack of 100 **£7.00**
**Code: CH0587C** - 1000µl, Pack of 100 **£8.00**
**Code: CH0587D** - 5000µl, Pack of 100 **£9.00**
**Code: CH0587E** - 10,000µl, Pack of 100 **£11.00**

## A Power Supply

AC/DC power supply with cooling fan and built in microprocessor overloading protection.

Input: 230V AC, 50Hz; Output: 2-12V AC/DC in 6 steps.

**Code: 605-001** **£99.00**

**Code: 605-002** - **Smoothed** **£99.00**

## B Dual ±15V Power Supply

The Edu-Lab dual rail ±15V power supply is a very robust power supply for use with operational amplifier circuitry. It provides ample current of 1A and is short-circuit proofed. Each power unit is individually trimmed to precisely ±15V. Independent earth connection. Shrouded output sockets for standard 4mm plugs or shrouded plugs.

**Specification:**

Input: 230V ±10%, 50Hz/60Hz
Output: Dual Rail ±15V , continuously rated at maximum of 1A
Dimensions: 208 x 155 x 115mm (W x H x D).
Height including handle is 187mm
Slow-blow fuse protection for primary.
Thermal trip for transformer.
Short-circuit proofed, regulators with thermal shut down facilities.

**Code: 605-010** **£135.00**

## C High Tension Power Supply

The Edu-Lab High Tension Power supply is designed specifically for thermionic experiments, such as the Teltron double fine beam tube. It can also be used for experiments requiring a high tension supply such as ionization current etc. It provides two independent outputs of 0-35V and 0-350V, 100mA maximum, with continuously adjustable voltages. Two auxiliary cathode heater outputs are also provided. All outputs are fully isolated from earth. Bright 12.5mm green LED display indicating HT output. Shrouded sockets suitable for standard 4mm plugs or shrouded plugs.

**Specification:**

Input: 220V-240V, 50/60 Hz
Outputs: 0-35 and 0-350V, fully regulated and maximum current is 100mA
Mains supply: 230V ±5%, 50Hz
Fuse: 1A (L)
Dimensions: 208 x 155 x 115mm (W x H x D).
Height including handle is 187mm.
Primary is protected by slow-blow fuse and thermal trips.
Two auxiliary output of 6.3V a.c. 1A for cathode heaters, protected by resettable fuse.
Independent Earth Terminal is provided.

**Code: 605-007** **£305.00**

## D Laboratory Bench Power Supply

Output voltage selected by up/down push switches in 1V steps, up to 13V. Long switch lifetime. Voltage can be switched safely at full load without serious contact wear. Output protection is handled by a 30A heavy duty relay. The outputs are opened momentarily, controlled by µP, between switching times. Fully protected secondary by high speed, micro-processor controlled and resettable electronic trip. Over current is measured and timed for cases of serious overload and slight overload to decide tripping time, so as to avoid oversensitive tripping in cases of initial heavy current surge, for example lamp bulbs. Slow-blow fuse protection for transformer primary. Shoktty barrier diodes are employed for rectification with less voltage drop and power waste thus eliminating the need for a noisy internal cooling fan.

**Specification:**

Size: 205 x 150 x 115mm (W x H x D).
Input voltage: 240V, 50Hz.
Output voltage: 0-13V a.c. at no load. Slightly smoothed d.c gives practical r.m.s values of 0-13V at no load.

**Code: 605-003** **£149.00**

## E Smoothing Unit

A smoothing unit for reducing ripple from non-regulated power supplies. Maintains a ripple-free output when high currents are drawn. The unit comprises a lightweight and efficient toroidal 0.1H inductor with a network of 2,200uF capacitors and diodes. With a supply of 12V at 3A, 1% ripple would be typical. Will work without suffering damage even at reverse polarity. Up to 8A at 35V, absolute maximum 40V d.c. (d.c. rectified from 28V a.c). Shrouded sockets accept standard 4mm plugs and shrouded plugs.

**Specification:**

Input Voltage: 0 to 35V, absolute maximum 40V
Current rating: 8A maximum
Dimensions: 208 x 155 x 115mm (W x H x D)
Height including handle is 187mm.

**Code: 605-009** **£105.00**

## F Electromagnetic Power Supply

Low Voltage, high current power supply for uses with Westminster electromagnetic kits, Fleming's apparatus, etc. 1-0-1V nominal a.c., allow students access to a.c. of 1V or 2V d.c ouput is furnished by rectification of 2V a.c (unsmoothed) Short-circuit current is 10A. Tolerates short circuit. Transformer is protected by thermal fuses and slow-blow fuse 40A Shottky barrier diode for robust and efficient rectification

**Specification:**

Input voltage : 230V ±10% 50Hz
Outputs: 1-0-1V a.c., 2V d.c nominal
Dimensions: 208 x 155 x 115mm (W x H x D).
Height including handle is 187mm.

**Code: 605-008** **£105.00**

## A Variable Power Supply

A popular, advanced, continuously-variable power supply unit with LED digital display, the Edu-Lab College Power Supply Unit is ideal for demonstration purposes and for use by students in advanced level courses. It provides a fine and smooth, continuously-variable AC or DC voltage at a combined maximum current of 8.5A. The DC is smoothed by an internal 2200µF capacitor. AC or DC voltage reading is selected by a toggle switch and indicated by a bright green, easy-to-read 12.5mm LED display. Microprocessor tripping circuitry will differentiate between a real short-circuit or a temporary current surge.

**Specification:**

- Output Voltage continuously variable by rotary knob from 0 to 25V
- Continuously rated combined current of 8.5A, AC or DC
- Heavy-duty 40A Schottky barrier diodes employed for rectification, together with high performance toroidal transformer, reduce the weight of the power supply and power waste - thus eliminating the need for a noisy and troublesome cooling fan.
- Digital display for voltage for AC or DC, selected by toggle switch
- Fully protected secondary by high speed, resettable microprocessor-controlled trip.
- Slow-blow fuse-protection for primary.
- Thermal fuse protection for transformer.
- Dimensions: 300 x 115 x 155mm (W x D x H)
- Weight: 5.5kg

**Code: 605-013** **£245.00**

## B Hand Operated Vacuum Pump

A lightweight hand operated vacuum pump, drawing 15cm3 per stroke, up to a maximum vacuum of 50mmHg. It can be used to produce positive gauge pressures up to 2atm.

**Code: 251-001** **£105.00**

## C Electric Vacuum Pump

Being very quiet and with low energy consumption, this rotary vacuum pump is ideal for all general laboratory applications requiring vacuum.

Displacement: 1 litre per second.
Vacuum Limit: 0.01.
ATM Rotational speed: 1300 rpm.
Pumping Speed: 1 litre per second.

**Code: 612-001** **£240.00**

## D Signal Generator & Amplifier

**Specification:**

Frequency Range: 0.1 Hz to 99.9 KHz in six decades, read on digital display.

Frequency Accuracy: 0.01% (100 ppm) in all ranges

Output waveform: Sine, Rectangular and Triangular

High Impedance Output: Maximum 17V peak to peak from internal source impedance of 600ohm

Low Impedance output: 6V R.M.S. at 4ohm (about 8.8V peak for all waveforms)

Maximum Power output of 4.5W available over the entire frequency range for all waveforms.

Maximum Power Transfer occurs when the load is 4ohm, giving 62/(4+4) = 4.5W

Amplitude Control: Variable from zero to maximum output in 256 increments, amplitude is displayed by a 10 segment bar graph

Attenuation: x1, x 0.1, x0.01, ±1%, operating only on the 600ohm output.

Amplifier voltage gain: 100

Frequency Response: DC to 100KHz, -3 dB, output power 4.5W into 4ohm load

Controls : All control settings except amplitude are stored and updated upon any changes.

Electric Supply: 220V~240V, 50Hz

Internal fuse is T315mA L

Dimensions: approx. 210mm x155mm x 118mm L X W x D

Weight : Approx. 2.05kg , without power cord

**Code: 241-022** **£275.00**

## E Sandbags

A stout canvas bag with draw-string. In use 1kg or 20kg of sand or gravel is put in the bag to give a convenient 10N or 20N load for large-scale mechanics investigations.

**Code: 30-220** - **10N** **£13.00**

**Code: 30-225** - **20N** **£14.00**

## F Spectrophotometer WPA S800

The Biochrom WPA S800 visible spectrophotometer is compact, lightweight and ergonomically designed. It is ideal for student use with a large display that is easy to read. It is simple to set up and use giving rapid results. Accepts standard 10mm pathlength cuvettes or a test tube adaptor set is available for use with 10, 12 and 16 mm tubes. Measures Absorbance, % Transmission and Concentration as well as being able to output absorbance-time plots directly to chart recorder. The user manual includes simple experiments for the determination of λ max, extinction coefficient and natural bandwidth as well as the construction of a standard curve and the measurement of stray light.
Wavelength range: 330-800nm; 7nm bandwidth.

**Code: 609-001** **£1,384.00**

## A Chattaway Spatula

Chattaway type; one end flat and the other end canted up. Polished finish. Packs of 10.

**Code: SPCHT150/PK10** - 150mm £23.00
**Code: SPCHT200/PK10** - 200mm £29.00

## B Spoon End Spatula

Well finished and polished stainless steel spatula, with one end flat and the other end spoon form. Packs of 10.

**Code: EDU084/PK10** - 150mm £17.75
**Code: EDU085/PK10** - 200mm £18.75
**Code: EDU085A** - 300mm £19.95

## C Nuffield Spatula

Nuffield pattern spatula. Pack of 10.

**Code: SPNUF140/PK10** - 140mm £7.25

## D Trulla Spatula

Trulla spatula, stainless steel, double ended with trowel-shaped scoops for handling large quantities of material. Width: 15mm.

**Code: SPTRUL175** - 175mm, Pack of 10 £19.50

## E Polypropylene Spatula

Polypropylene spatula with a spoon on one end and a flat, knife-edged face on the other end.

**Code: CH0631A** - 150mm, Pack of 20 £19.95
**Code: CH0631B** - 200mm, Pack of 20 £19.95

## F Palette Knife Spatula

Flexible blade & parallel sides set in wooden handle.

**Code: CH0640** - 155mm £10.00

## G Ceramic Spotting Tiles

**Code: EDU009** - Pack of 5 **£9.00**

## H Polypropylene Spotting Tiles

High quality polypropylene tile with 12 cavities. Autoclavable.

**Code: EDU770** - Pack of 10 **£15.00**

## I Retort Stand Base

A sturdy cast-iron base, finished in blue/black, with a tapped hole to accept a rod with 10 x 1.5mm thread.

**Code: BASE160T** - 160 x 100mm **£5.25**
**Code: BASE200T** - 200 x 125mm **£7.25**
**Code: BASE250T** - 250 x 160mm **£11.50**

## J 'A' Shaped Retort Base

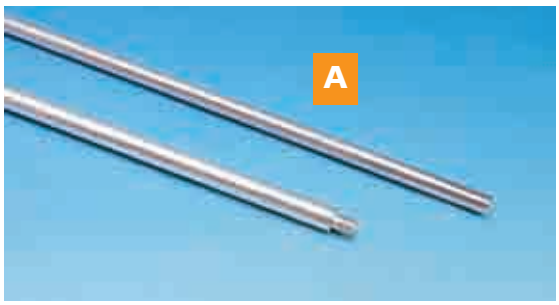
Cast-iron, finished in blue coating with tapped hole 10 x 1.5mm metric thread. Length of side 200mm.

**Code: EDU729** **£13.00**

## K 'H' Shaped Retort Base

Accepts rods 8-12mm dia. Size: 200 x 200mm. Weight: 3kg. Plastic ends.

**Code: EDU730** **£22.00**




## A Mild Steel Retort Rods

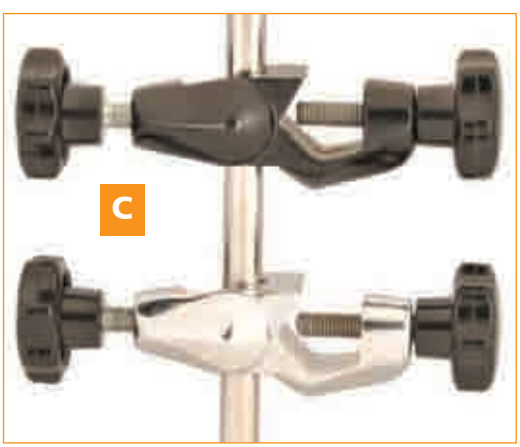
With 10 x 1.5mm metric thread.

**Code: RDMS0500** - 500mm **£2.80**
**Code: RDMS0600** - 600mm **£3.25**
**Code: RDMS0750** - 750mm **£4.50**

## B Aluminium Alloy Retort Rods

With 10 x 1.5mm metric thread.

**Code: RDAL0500** - 500mm **£3.75**
**Code: RDAL0600** - 600mm **£4.50**
**Code: RDAL0750** - 750mm **£4.75**
**Code: RDAL1000** - 1000mm **£5.25**




## C Doublehead Bossheads

Doublehead, die-cast bossheads to hold rods of 5-20mm. Plastic clamping screws for tightness.

**Code: BOSS1** - Chrome **£5.25**
**Code: BOSS2** - Anodised **£5.25**

## D Bossheads

For use with retort stand rods. Die-cast alloy accepts rods up to 16.5mm diameter at right angles to each other. Finished in high-quality coating. Metal edges well finished for safe use.

**Code: CH0663B/SINGLE** **£1.95**
**Code: CH0663B** - Pack of 20 **£32.00**

## E Swivel Bossheads

Zinc, die-cast, to hold rods up to 16mm. Two rods can be fitted at any angle.

**Code: CH0666** - Pack of 5 **£41.00**

## F Retort Clamp with Cork Jaws

Four prong, cork jaw clamp finished in high quality blue coating. The clamp accepts articles from 2 - 90mm dia. Rod length 145mm. The design of the jaw ensures a firm grip at all angles of opening. The cork liners are well secured to the jaws of the clamp. Overall length: 245mm.

**Code: CLMPCRK** **£5.00**

## G Retort Clamp & Boss Combined

Diecast alloy clamp retort with lined jaws and bosshead which accommodates rods up to 15mm dia.

**Code: CH0687** **£8.50**

**Code: CH0688** - **Rubber Jaws** **£8.50**

## H Retort Clamp with Rubber Jaws

Made with rubber lined, diecast jaws. Clamping rod operates through swivels mounted neatly in the jaws. Mounted on a 135mm rod of 8mm diameter. Jaw capacity 90mm and overall length 250mm.

**Code: CLMP3P** **£5.00**

## I Retort Ring

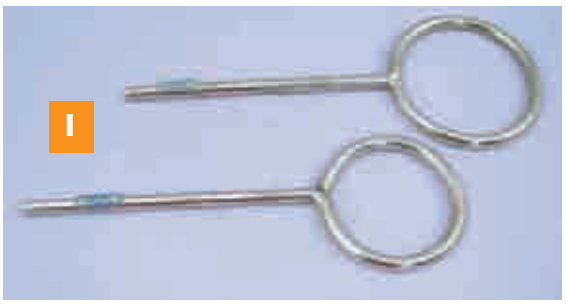
Mild steel, plated retort ring with 8mm dia. stem. Stem Length: 140mm.

**Code: CH0668A** - **50mm id** **£4.20**

**Code: CH0668B** - **70mm id** **£7.60**

**Code: CH0668C** - **100mm id** **£7.60**

**Code: CH0668D** - **150mm id** **£8.00**




## J Retort Ring & Boss Combined

Strong circular mild steel ring with 8mm diameter stem. Open boss fitted with thumb screw to accept rods from 8mm to 12.5mm diameter.

**Code: CH0672A** - **50mm x 90mm Stem** **£8.50**

**Code: CH0672B** - **75mm x 95mm Stem** **£8.75**

## A Channel Base

Slotted base, finished in acid resistant coating with 40mm high jaws and fitted thumb screw. Designed for holding flat objects (e.g. manometers, boards, etc.), up to 34mm thick, in the vertical position.

Width: 95mm. Length: 75mm. Height: 60mm.
Weight: 1475g.

**Code: C653** **£13.00**

## B Circular Tripod

Circular tripod stand with 95mm dia. and height 70mm. Used with spirit lamps. Supplied without lamp.

**Code: CH0643** **£3.95**

## C Stainless Steel Triangular Tripod

200mm height x 125mm side length. Stainless steel triangular tripod with rubber feet.

**Code: TRSTD200** - **Pack of 10** **£48.00**

## D Cast Iron Triangular Tripod

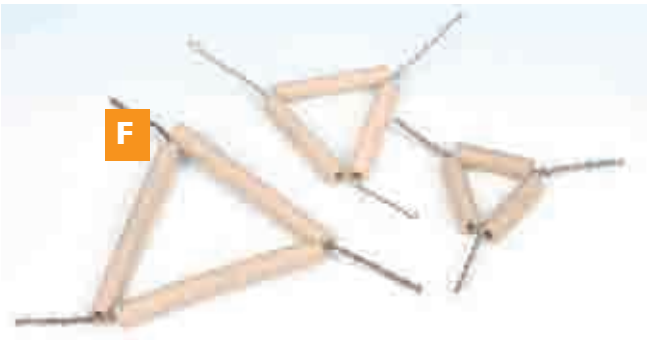
200mm tall with cast-iron triangular top, splayed steel legs and rubber feet.

**Code: C645A** - **125mm x 200mm** **£4.00**
**Code: C645B** - **150mm x 200mm** **£4.50**

## F Clay Pipe Triangles

Clay pipe tubes on thick iron wire.
50, 60 & 75mm pipe lengths.

**Code: C530B** - 50mm, Pack of 10 **£4.75**
**Code: C530C** - 60mm, Pack of 10 **£5.25**
**Code: C530D** - 75mm, Pack of 10 **£6.25**




## G Laboratory Jack

Screw operated, scissor-action mechanism. Strong, stable support for laboratory equipment. Minimum height: 60mm. Maximum elevation: 250mm. Top plate: 150 x 135mm. Maximum load: 25kg.

**Code: CH0642** **£57.00**

## H Magnetic Stirrer Bar

**Code: 607-017** - 25 x 6mm, Pack of 10 **£14.00**
**Code: 607-018** - 50 x 8mm, Pack of 10 **£20.00**

## I Stirring Rods

**Code: CH0755A** - 150mm, Glass **£0.60**
**Code: CH0755B** - 300mm, Glass **£0.75**
**Code: 772-003** - 250mm, Polyproplene **£1.50**

A

## Plastic Bodied Magnetic Stirrer

This magnetic stirrer offers superior stirrer capabilities without a high price tag. Measuring a compact 120 x 120mm, it takes up the minimum of bench top space (or fume cupboard space), whilst providing reliable and consistent stirring of liquid samples. This version is supplied complete with mains cable and plug.

The unit includes a Speedafe® optical speed control feedback circuit which maintains a constant stirrer speed and limits the maximum speed to 1000rpm, even if the load is suddenly removed, thus preventing motor wear and providing a longer operational life.

**Specification:**

Min speed: 100rpm
Max speed: 1000rpm
Dimensions: 120 x 120 x 45mm
Weight: 640g
Power supply: Mains, 230V AC, 50-60Hz

**Code: 607-015** **£79.00**

B

## Mini Magnetic Stirrer, Round Base

This series of magnetic stirrers are compact, lightweight and low-cost, yet include our Speedsafe® technology for greater control of stirring speed and motor protection. Measuring just 137mm diameter they are available in a range of colours to suit your mood, match your laboratory colour scheme or to differentiate between samples being stirred. The high specification includes an optical speed control feedback circuit which maintains a constant stirrer speed and limits the maximum speed to 1000rpm, even if the load is suddenly removed, thus preventing motor wear and providing a longer operational life. Comes complete with 25 x 7mm Stirrer Bar.

**Specification:**

Max stirring capacity: 1 Litre
Min speed: 100rpm
Max speed: 1000rpm
Dimensions (Diameter x H): 137 x 51mm
Weight: 640g
Power supply: Mains, 230V AC, 50-60Hz

**Code: 607-006** - **Yellow** **£80.00**
**Code: 607-007** - **Light Green** **£80.00**
**Code: 607-008** - **Light Blue** **£80.00**
**Code: 607-009** - **Olive** **£80.00**
**Code: 607-010** - **Green** **£80.00**
**Code: 607-011** - **Blue** **£80.00**
**Code: 607-012** - **Red** **£80.00**
**Code: 607-013** - **Grey** **£80.00**
**Code: 607-014** - **Ivory** **£80.00**

## C Rubber Stoppers

Constructed from high-quality, chemical resistant rubber. Stated dimensions are dia.1 x dia. 2 x L, respectively.

**Code: CH0314A** £1.35
- Solid, 9 x 11.5 x 20mm, Pack of 10

**Code: CH0314B** £1.45
- Solid, 11 x 14 x 24mm, Pack of 10

**Code: C314-13** £1.55
- Solid, 13 x 16 x 24mm, Pack of 10

**Code: C314-15** £1.65
- Solid, 15 x 18 x 24mm, Pack of 10

**Code: CH0314E** £2.35
- Solid, 17 x 20 x 26mm, Pack of 10

**Code: CH0314F** £2.45
- Solid, 18 x 21 x 26mm, Pack of 10

**Code: C314-19** £2.50
- Solid, 19 x 22.5 x 28mm, Pack of 10

**Code: C314-21** £2.75
- Solid, 21 x 24.5 x 28mm, Pack of 10

**Code: CH0314I** £3.50
- Solid, 23 x 24.5 x 28mm, Pack of 10

**Code: CH0314J** £4.50
- Solid, 25 x 28.5 x 28mm, Pack of 10

**Code: CH0314K** £5.50
- Solid, 27 x 31 x 32mm, Pack of 10

**Code: CH0314L** £5.95
- Solid, 29 x 33 x 32mm, Pack of 10

**Code: C314-31** £7.50
- Solid, 31 x 36 x 35mm, Pack of 10

**Code: CH0314N** £8.95
- Solid, 33 x 38.5 x 38.5mm, Pack of 10

**Code: CH0314A/1H** £1.35
- 1 hole, 9 x 11.5 x 20mm, Pack of 10

**Code: CH0314B/1H** £1.45
- 1 hole, 11 x 14 x 24mm, Pack of 10

**Code: RS13** £1.55
- 1 hole, 13 x 16 x 24mm, Pack of 10

**Code: RS15** £1.65
- 1 hole, 15 x 18 x 24mm, Pack of 10

**Code: CH0314E/1H** £2.35
- 1 hole, 17 x 20 x 26mm, Pack of 10

**Code: CH0314F/1H** £2.45
- 1 hole, 18 x 21 x 26mm, Pack of 10

**Code: RS19** £2.50
- 1 hole, 19 x 22.5 x 28mm, Pack of 10

**Code: RS21** £2.75
- 1 hole, 21 x 24.5 x 28mm, Pack of 10

**Code: RS23** £3.50
- 1 hole, 23 x 25.5 x 28mm, Pack of 10

**Code: CH0314J/1H** £4.50
- 1 hole, 25 x 28.5 x 28mm, Pack of 10

**Code: CH0314K/1H** £5.50
- 1 hole, 27 x 31 x 32mm, Pack of 10

**Code: RS28** £5.75
- 1 hole, 28 x 33 x 32mm, Pack of 10

**Code: CH0314L/1H** £5.95
- 1 hole, 29 x 33 x 32mm, Pack of 10

**Code: RS31** £7.50
- 1 hole, 31 x 36 x 35mm, Pack of 10

**Code: CH0314N/1H** £8.95
- 1 hole, 33 x 38.5 x 38.5mm, Pack of 10

**Code: CH0314C/2H** £1.55
- 2 holes, 13 x 16 x 24mm, Pack of 10

**Code: CH0314F/2H** £2.45
- 2 holes, 18 x 21 x 26mm, Pack of 10

**Code: CH0314H/2H** £2.75
- 2 holes, 21 x 24.5 x 28mm, Pack of 10

**Code: CH0314I/2H** £3.50
- 2 holes, 23 x 25.5 x 28mm, Pack of 10

**Code: CH0314J/2H** £4.50
- 2 holes, 25 x 28.5 x 28mm, Pack of 10

**Code: CH0314K/2H** £5.50
- 2 holes, 27 x 31 x 32mm, Pack of 10

**Code: CH0314L/2H** £5.95
- 2 holes, 29 x 33 x 32mm, Pack of 10

**Code: CH0314M/2H** £7.50
- 2 holes, 31 x 36 x 35mm, Pack of 10

**Code: CH0314N/2H** £8.95
- 2 holes, 33 x 38.5 x 38.5mm, Pack of 10

### Assorted and Mixed Sets

**Code: CH0315** £33.00
- Solid, Assorted Sizes, Pack of 50

**Code: CH0316** £33.00
- 1 hole, Assorted Sizes, Pack of 50

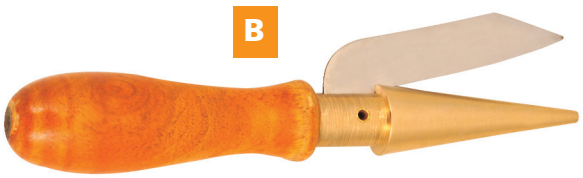
**Code: CH0317** £45.00
- 2 holes, Assorted Sizes, Pack of 50

**Code: EDU921** £33.00
- Mixed Pack, Assorted Sizes, Pack of 67

## A Cork Borers

Nickel plated brass. Variety of sizes, each with a cutting edge at bottom and handle at top. Complete with cleaning rod. Grip is good for easy use. Pipes are of a thick gauge material.

**Code: C322A** - 4-10mm, Set of 6 **£27.00**
**Code: C322A** - 4-18mm, Set of 12 **£53.00**
**Code: C322A** - 4-27mm, Set of 18 **£79.00**




## B Cork Borer Sharpener

Plated metal cone with polished wooden handle. Hinged cutter blade slotted to accept cutting blades. The edge is cut to the correct angle by depressing blade using thumb pressure. Borer diameter range: 4-27mm.

**Code: C324** **£12.00**

## C Plastic Syringes

Disposable plastic syringes, graduated in 1ml increments.

**Code: EDU884/A** - 5ml, Pack of 100 **£10.25**
**Code: 772-006** - 5ml, Pack of 10 **£1.30**
**Code: EDU869** - 10ml, Pack of 100 **£14.75**
**Code: 772-007** - 10ml, Pack of 10 **£1.95**
**Code: EDU869A** - 20ml, Pack of 100 **£22.00**
**Code: 772-008** - 20ml, Pack of 10 **£2.95**
**Code: EDU869D** - 60ml, Pack of 100 **£79.00**
**Code: 772-009** - 60ml, Pack of 10 **£9.25**

## D Glass Syringe

Ground glass, volume graduated to 100ml in 5ml increments.

**Code: 251-402** **£19.00**

## E Syringe Clamp

Holder for 100ml gas syringe (code: 251-402). Dimensions: 320 x 50 x 153mm.

**Code: 719-001** **£30.00**

## F Tally Counter

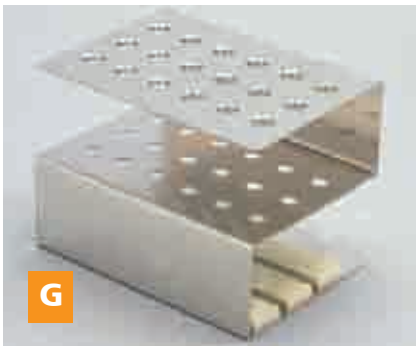
Hand operated, counts up to to 9999, with reset button.

**Code: 776-010** **£7.50**

## G Thermometer Stand

Aluminium stand, holds 18 thermometers.

**Code: 772-002** **£19.00**




## H LO-tox™ Thermometers

These new Brannan™ laboratory thermometers utilise LO-tox™, an organic filling specifically chosen to achieve a wide temperature span and provide the lowest practical levels of hazard. The quality and legibility make these an ideal substitute for mercury thermometers. These thermometers are fitted with Brannan™ anti-roll end caps with a ring to allow the thermometer to be suspended.

**Features and specification:**

- Low-toxic filling is easy to read
- Accurately calibrated against traceable standards
- 76mm immersion
- Blue anti-roll top and safety suspension ring
- Clear permanent markings

**Code: 776-018** **£2.75**
- **305mm, -10 to 50 x 0.5°C, Blue Fill**

**Code: 776-019** **£2.75**
- **305mm, -20 to 110 x 1°C, Blue Fill**

**Code: 776-020** **£2.75**
- **305mm, -20 to 150 x 1°C, Blue Fill**

**Code: 776-021** **£3.25**
- **305mm, -10 to 260 x 1°C, Blue Fill**

**Code: 776-022** **£3.65**
- **305mm, -10 to 330 x 2°C, Brown Fill**

## I Lab Thermometers

300mm are total immersion. 150mm partial immersion.

**Code: 776-023** **£1.85**
- **300mm, -10 to 50 x 0.5°C, Green Fill**

**Code: 776-024** **£1.30**
- **300mm, -10 to 110 x 1.0°C, Green Fill**

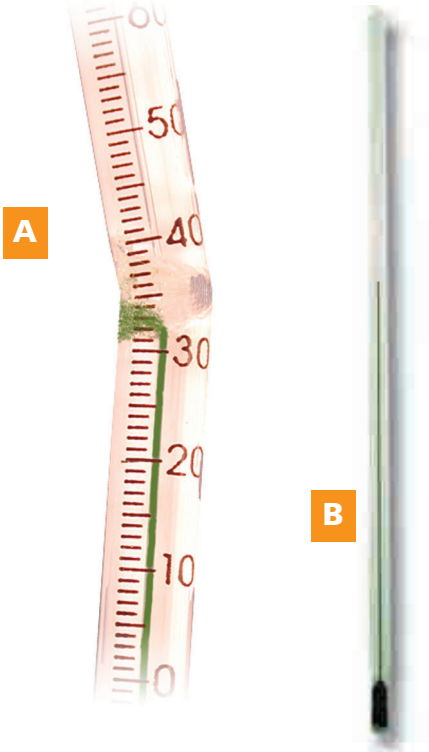
**Code: 776-025** **£1.85**
- **300mm, -10 to 150 x 1.0°C, Green Fill**

**Code: 776-026** **£1.55**
- **150mm, -10 to 110 x 1.0°C, Red Fill**

**Code: 776-027** **£2.00**
- **300mm, -10 to 110 x 1.0°C, Red Fill**

**Code: 776-028** **£2.15**
- **150mm, -10 to 110 x 1.0°C, Blue Fill**

**Code: 776-029** **£2.25**
- **300mm, -10 to 110 x 1.0°C, Blue Fill**




## A Breaksafe Thermometer

The Brannan™ 'Breaksafe' Safety Thermometer is encapsulated in PVC to contain any glass or filling material in the event of breakage. 76mm immersion.

**Code: 776-030** **£4.80**

- **200mm, -10 to 110 x 1.0°C, Green Fill**

## B Uncalibrated Thermometer

These Brannan™ Uncalibrated Thermometers are made in the UK and designed for student calibration. An anti-roll device is moulded into the glass to prevent breakage, and the thermometers are supplied individually packed in sealed trays.

**Code: 776-031** **£3.40**

- **300mm, -10 to 110°C, Green Fill**

## C Waterproof Electronic Test Thermometer

Waterproof Electronic Test Thermometer with max/min memory function and 120mm stainless steel probe. Switchable between centigrade and fahrenheit. Supplied complete with battery, pocket case and clip.

Temperature Range: -50 to +150°C
Divisions: 0.1°C
Weight: 33g
Dimensions: 200 x 20 x 15mm
Accuracy:
-50 to -20°C: ±2°C; -21 to +120°C: ±1°C; +121 to +150°C: ±2°C

**Code: 776-032** **£15.00**

## D Electronic Thermometer

Versatile max/min electronic thermometer with memory. Instant, accurate reading for a wide range of applications.

Temperature range: (indoor) 0° to 50°C; (outdoor) -50° to 70°C
Resolution: 0.1°C
Freeze alert function
Large, clear digital display
Complete with stand and hanging slot
Size: 100 x 75 x 18mm.
2 x 1.5V batteries supplied.

**Code: EDU1020** **£15.00**

## E Infra-Red Thermometer

Hand held mini infrared thermometer with timekeeping function. Providing easy and safe non-contact measure-ment. LCD display has a resolution of 0.5°C and an accuracy ± 2.5°C. With 1.5V battery.Range: -22° to +110°C.

**Code: EDU1023** **£18.95**

## F Crucible Tongs

General purpose tongs with corrugated jaws, used for the handling of hot apparatus.

**Code: TBMS150** **£15.00**
- Mild Steel, 150mm Bowed, Pack of 10

**Code: TBMS200** **£18.00**
- Mild Steel, 200mm Bowed, Pack of 10

**Code: TBSS150** **£30.00**
- Stainless Steel, 150mm Bowed, Pack of 10

**Code: TBSS200** **£30.00**
- Stainless Steel, 200mm Bowed, Pack of 10

**Code: TSMS150** **£15.75**
- Mild Steel, 150mm Straight, Pack of 10

**Code: TSMS200** **£17.00**
- Mild Steel, 200mm Straight, Pack of 10

**Code: TSSS150** **£30.00**
- Stainless Steel, 150mm Straight, Pack of 10

**Code: TSSS200** **£30.00**
- Stainless Steel, 200mm Straight, Pack of 10

## G Beaker Tongs

Stainless steel, silicone-covered jaws can hold any beaker from 250ml to 1500ml. 360mm in length with a jaw width of 70mm.

**Code: CH0738B** **£42.00**

## H Flask Safety Tongs

Stainless steel, with cork lined rectangular jaws giving an extremely firm grip on flasks of any size from 100 to 2000ml.

**Code: CH0739** **£40.00**

## A Test Tubes

Borosilicate glass, standard wall thickness. With rim.

**Code: EDU1014** **£36.75**
- 125 x 16mm, Pack of 100

**Code: EDU1015** **£49.00**
- 150 x 24mm, Pack of 100

**Code: EDU1016** **£26.00**
- 150 x 24mm, 1.2mm thick walls, Pack of 50

## B Draining Rack

For drying test tubes, PVC coated.

**Code: 704-002** **£32.00**

## C Draining Basket

Made from polypropylene which is autoclavable.

**Code: 712-030** - 400 X 400X 100mm **£12.00**

## D Test Tube Baskets

This rack is made from polypropylene which is auto-clavable. The rack is non corrosive and makes for easy handling and storage.

**Code: 776-033** - 140 x 120 x 110mm **£1.95**

**Code: 776-034** - 160 x 160 x 160mm **£2.45**

## E Test Tube Holders

Aluminium test tube holder with sliding collar and wooden handle. Accepts tubes 15-25mm diameter.

**Code: CH0727** - **Pack of 10** **£42.00**

## F Test Tube Holders

Plated, sprung steel wire test tube holder with finger grips. The jaws will accept tubes up to 40mm dia. and their alignment is maintained by a steel wire collar. Overall length: 16cm.

**Code: CH0730** - **Pack of 10** **£7.75**

## G Test Tube Holders

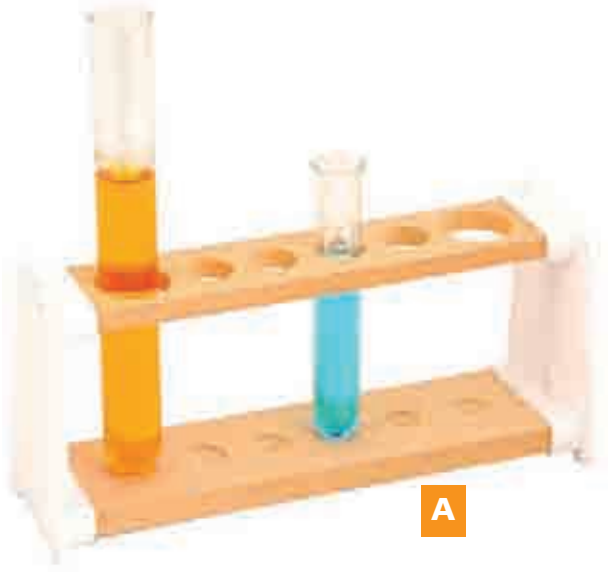
Peg-type holder with spring for closing jaws. 180mm length, accepts tubes 11-19mm diameter.

**Code: CH0726A** - **Pack of 10** **£4.50**

## H Test Tube Holders

Test tube holder with strong spring clip with a strip of metal in wooden handle. To accept tubes 15 - 25mm dia.

**Code: TTFR** - **Pack of 10** **£31.00**




## A Wooden Test Tube Stand

Polished wood stand with drilled holes of 20mm diameter each and clip-on polypropylene ends. Length: 230mm.

**Code: EDU762** - 6-hole, Pack of 10 **£44.00**

## B Wooden Test Tube Stand

Polished wood stand with drilled holes of 20mm diameter each and clip-on polypropylene ends. Length: 400mm.

**Code: EDU763** - 12-hole, Pack of 10 **£50.00**

## C Wooden Test Tube Stand

Constructed from wooden shelves which slot together with polypropylene ends. Six holes in the top section accept two 30mm diameter tubes and four 20mm diameter tubes. Height: 110mm.

**Code: CH0702/PK10**- 6-hole, Pack of 10 **£49.00**

## D Polythene Test Tube Stand

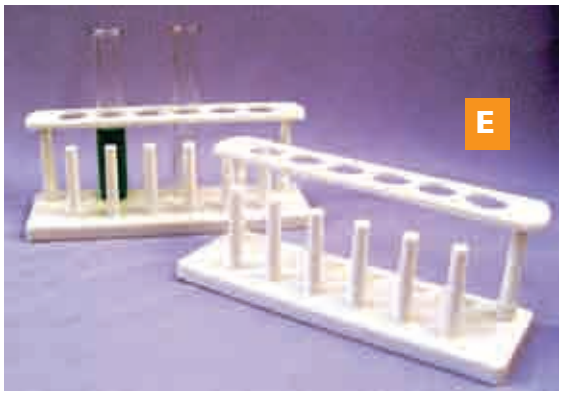
Polythene, autoclavable, with two parallel rows of holes along its length - 6 holes of 30mm diameter and 6 holes of 15mm diameter.

**Code: CH0696** - 12-hole **£5.00**

## E Polypropylene Test Tube Stand

White polypropylene autoclavable rack with six 25mm diameter holes. Rack ends supported by columns. Designed with six vertical pins for drying test tubes. Length: 235mm. Height: 90mm.

**Code: CH0694B** - 6-hole, Pack of 10 **£40.00**




## F Z-shaped Test Tube Stand

Z shape made from 18-gauge aluminium sheet, anodised, with three tiers. Has an overall height of 75mm and length of 200mm. This stand has 5 holes of 28mm, 6 holes of 20mm and 8 holes of 13mm diameter.

**Code: EDU160** - Pack of 10 **£24.00**

## G Test Tube Rack

Coated wire test tube racks.

**Code: 776-016** - 12 x 16mm holes **£9.00**

**Code: 776-015** - 12 x 25mm holes **£9.50**

## A Delivery Tubes

Set of 4 glass delivery tubes, comprising:
- 1 x Short, straight 70mm length
- 1 x Long, straight 170mm length
- 1 x 90° bend with arms of 60mm and 160mm length
- 1 x 90° bend with both arms 60mm long

**Code: C750** - 6mm dia., Set of 4 **£6.50**

## B Delivery Tubes

Set of 6 glass delivery tubes, outside diameter 6mm.

**Code: C752** - 6mm dia., Set of 6 **£9.00**

## C Rubber Tubing

Soft quality, resistant to acid and alkalis. 10 metre roll. Bore and wall thickness vary as indicated below.

**Code: C758-4** - 4mm bore, 1mm wall **£6.00**
**Code: C758-5** - 5mm bore, 1.5mm wall **£7.50**
**Code: C758-6** - 6.5mm bore, 1.5mm wall **£8.50**
**Code: C758-7** - 7mm bore, 1.5mm wall **£10.00**
**Code: C758-8** - 8mm bore, 2mm wall **£12.00**
**Code: C758-10** - 10mm bore, 2mm wall **£16.00**
**Code: C758-12** - 12mm bore, 2mm wall **£18.00**

## D Rubber Tubing

Heavy duty high pressure tubing, red rubber. Supplied in 10m roll.

**Code: CH0762D** - 8mm bore, 4.5mm wall **£58.00**

## E Translucent Silicone Rubber Tubing

Natural colour. **Price is per metre length.**

**Code: 776-037** - 4.8mm bore, 1.6mm wall **£3.89**

## F Hoffman Clips

Nickel-plated brass clip with projecting plate to prevent damage to tubing by end of screw. With hinged bottom bar for direct fitting and removal without access to ends of tube.

**Code: CH0298B** - 40mm, Pack of 10 **£19.95**

## G Mohr Clips

Good quality, nickel-plated brass clips.

**Code: CH0290B** - Pack of 10 **£14.50**

## H Watch Glasses

Clear, polished glass with ground edge.

**Code: CH0554A** - 50mm, Pack of 10 **£2.60**
**Code: CH0554B** - 60mm, Pack of 10 **£2.75**
**Code: CH0554C** - 75mm, Pack of 10 **£2.85**
**Code: CH0554** - 80mm, Pack of 10 **£3.50**
**Code: CH0554D** - 90mm, Pack of 10 **£4.00**
**Code: CH0554E** - 100mm, Pack of 10 **£4.95**
**Code: CH0554F** - 125mm, Pack of 10 **£9.95**
**Code: CH0554G** - 150mm, Pack of 10 **£13.00**

## I Circular Adjustable Water Baths

Stainless steel Gas Bath - Suitable for use with hotplate or gas burner, the steam produced from bath provides an effective source of constant heat for samples that otherwise could be thermally damaged by a naked flame. Supplied with a set of rings to vary the diameter of the bath aperture.

**Code: 603-051** - 125 x 90mm **£39.00**
**Code: 603-052** - 152 x 102mm **£46.00**
**Code: 603-053** - 203 x 127mm **£49.00**

2 Plus

A

2S Plus

5 Plus

12 Plus

18 Plus

26 Plus

## A 'Aqua' Analogue Water Baths

JB Aqua water baths offer the simplicity of an analogue bath, with the quality and reliability expected in a Grant water bath. Blue transparent polycarbonate lid and polycarbonate base tray are included as standard to improve performance and limit energy wastage.

- Ambient + 5°C to 98°C
- User settable, over-temperature cutout - when sample has critical maximum temperature
- Fixed thermal cutout - protects the user if the bath is accidentally run without water or in the very unlikely event of failure of both control systems
- Simple dial temperature setting - easy to use and provides quick visual indication of temperature and ability to re-set dial position

**Code: 603-017 - Model: 2 Plus** £299.00
**Code: 603-018 - Model: 2S Plus*** £299.00
**Code: 603-019 - Model: 5 Plus** £329.00
**Code: 603-020 - Model: 12 Plus** £390.00
**Code: 603-021 - Model: 18 Plus** £489.00
**Code: 603-022 - Model: 26 Plus** £555.00

### Aqua and Sub Aqua Dimensions

| Model Aqua & SubAqua | 2 Plus | 2s Plus* | 5 Plus | 12 Plus | 18 Plus |
|---|---|---|---|---|---|
| **Capacity** (Litre) | 2 | 2 | 5 | 12 | 18 |
| **Volume** l/w/d (mm) | 125/140/115 | 145/290/30* | 145/290/115 | 315/290/115 | 495/290/115 |
| **Drain tap** (Yes/No) | N | N | N | Y | Y |

| Model Aqua & SubAqua | 26 Plus | 34 Plus | Dual |
|---|---|---|---|
| **Capacity** (Litre) | 26 | 34 | 5 & 12 |
| **Volume** l/w/d (mm) | 495/290/165 | 630/290/160 | 145/290/115+ 315/290/115 |
| **Drain tap** (Yes/No) | Y | Y | |

* 'S' models have shallower depth and are ideal for microtube use.

B

## B 'Aqua Dual' Analogue Water Bath

The JB Aqua Dual Plus bath offers the simplicity of an analogue bath, with the quality and reliability expected in a Grant water bath. When two temperatures are needed and space is of primary concern, the dual bath (5L and 12L) is the answer. Blue transparent polycarbonate lid and polycarbonate base tray are included as standard to improve performance and limit energy wastage.

- Ambient + 5°C to 98°C
- User settable, over-temperature cutout - when sample has critical maximum temperature
- Fixed thermal cutout - protects the user if the bath is accidentally run without water or in the very unlikely event of failure of both control systems
- Simple dial temperature setting - easy to use and provides quick visual indication of temperature and ability to re-set dial position

**Code: 603-023** £625.00

2 Plus

2S Plus

5 Plus

12 Plus

C

## 'Sub Aqua' Digital Water Baths

High quality and excellent temperature stability, in a value-for-money package. The SUB Aqua digital water baths are perfect for smaller volume applications. Polycarbonate lid and base tray is included as standard.

- Ambient + 5°C to 99°C (stability ±0.2°C)
- Three programmable temperature presets - allows commonly used temperatures to be quickly selected
- Front panel lock-out - disables front panel controls and prevents settings being accidentally changed
- Countdown timer with audible buzzer
- Fixed thermal cutout - protects the user if the bath is accidentally run without water or in the very unlikely event of failure of both control systems
- User settable, over-temperature sample protection
- Digital PID control for quick heat-up and precision control

**Code: 603-024** - **Model: 2 Plus** **£445.00**
**Code: 603-025** - **Model: 2S Plus*** **£445.00**
**Code: 603-026** - **Model: 5 Plus** **£479.00**
**Code: 603-027** - **Model: 12 Plus** **£549.00**
**Code: 603-028** - **Model: 18 Plus** **£585.00**
**Code: 603-029** - **Model: 26 Plus** **£645.00**
**Code: 603-030** - **Model: 34 Plus** **£989.00**

18 Plus

C

26 Plus

34 Plus

D

## 'Sub Aqua Dual' Digital Water Bath

When two temperatures are needed and space is of primary concern, the dual (5L and 12L) bath is the answer. Blue transparent polycarbonate lid and poly-carbonate base tray are included as standard to improve performance and limit energy wastage

- Excellent temperature stability of +0.2°C
- Three programmable temperature presets - allows commonly used temperatures to be quickly selected
- Front panel lock-out - disables front panel controls and prevents settings being accidentally changed
- Countdown timer with audible buzzer
- Fixed thermal cutout - protects the user if the bath is accidentally run without water or in the very unlikely event of failure of both control systems
- User settable, over-temperature sample protection
- Digital PID control for quick heat-up and precision control throughout the temperature range

**Code: 603-031** - **Model: 26 Plus** **£849.00**

D

## A Grant PB1 Analogue Water Bath

A simple and compact unstirred waterbath with a transparent polycarbonate tank and an analogue control unit. It is ideal for educational purposes, routine laboratory purposes, procedures requiring visibility of reactions inside the vessels and as a 'personal' water bath for scientists needing a small working area with a compact footprint

- 20 to 60°C operation
- Stability ±0.3°C
- Simple to use analogue control
- Removable control unit with simple to use analogue temperature setting dial
- Clear polycarbonate tank for easy visibility of reactions within the vessels
- Perforated tray to mix the liquid by convection and enhance the performance
- Optional gabled lid (LP1) to prevent evaporation of liquid and avoid contamination of samples
- User-resettable over-temperature cut-out for confidence that equipment and workplace are protected
- Choice of racks to accommodate tubes with 13, 16 and 19 mm diameter

**Code: 603-032** **£335.00**

## B PB1 Test Tube Racks

Stainless steel racks for PB1 test tubes.

**Code: 603-033** - **12 x 13mm tubes** **£49.00**
**Code: 603-034** - **10 x 16mm tubes** **£49.00**
**Code: 603-035** - **9 x 19mm tubes** **£49.00**

## C Aqua & Sub Aqua Plus Test Tube Racks

Stainless steel racks for PB1 test tubes.

**Code: 603-036** - **84 x 10mm tubes** **£59.00**
**Code: 603-037** - **55 x 13mm tubes** **£59.00**
**Code: 603-038** - **36 x 16mm tubes** **£59.00**
**Code: 603-039** - **32 x 19mm tubes** **£59.00**
**Code: 603-040** - **18 x 25mm tubes** **£59.00**
**Code: 603-041** - **12 x 30mm tubes** **£59.00**

## D Clifton Analogue Thermostatic Baths

These Clifton analogue water baths are designed for general use and are economically priced without compromising quality. For temperatures above 60°C a lid is recommended. This range of baths will operate at 100°C but are not designed for continuous boiling and NE1B range is recommended.

**Features**

**Temperature control**
Temperature range ambient +5°C to 100°C, thermostat control. Controls feature an illuminated on/off switch, heater on" indicator and temperature dial. Every water bath is calibrated at the factory at 45°C for consistent temperature control in use.

**Heating**
Heating element, safety cut-out and temperature sensors concealed underneath tank providing a totally clear 'clutter free' working area making it also easy to clean.

**Construction**
Stainless steel 304 spec bath contained within a sturdy body. Body powder-coated paint finish having good chemical and detergent resistance. Anti-bacterial paint finish that inhibits the growth of bacteria. Easy clean controls. Side lifting handles for ease of transportation.

**Stainless steel perforated false base**
Stainless steel perforated removable base. Clifton 'low height' shelf maximises working height in the tank.

**Drain outlet**
Larger water baths (22 & 28 litre) have a large bore drain outlet, accessory tap can be fitted for convenience.

**Accessories**
Accessories available including racks and lids, recommended above 60°C.

**Specification**
Carries CE mark. Designed and manufactured in the UK.
Warranty: 3 Years
Service and support: in the UK.
Power supply: Mains 230V AC 50-56Hz.
Option of 120V AC 50-60Hz models Safety Class: 1
Temperature range: Ambient +5°C to 100°C
Sensitivity/stability: @45°C : ±0.5°C
Internal Dimensions (W x D x H):
- 2.5L – 230 x 130 x 150mm
- 4L - 300 x 150 x 150mm
- 8L – 300 x 240 x 150mm
- 14L - 325 x 300 x 150mm
- 22L - 500 x 300 x 150mm
- 28L – 500 x 300 x 200mm

External Dimensions (W x D x H):
- 2.5L - 270 x 190 x 240mm
- 4L – 332 x 185 x 290mm
- 8L – 332 x 270 x 290mm
- 14L – 361 x 332 x 290mm
- 22L – 538 x 332 x 290mm
- 28L – 538 x 332 x 290mm

| | |
|---|---|
| **Code: 603-042 - 2.5L** | **£272.00** |
| **Code: 603-043 - 4L** | **£283.00** |
| **Code: 603-044 - 8L** | **£311.00** |
| **Code: 603-045 - 14L** | **£332.00** |
| **Code: 603-046 - 22L** | **£396.00** |
| **Code: 603-047 - 28L** | **£431.00** |

## E Polypropylene Spheres

Polypropylene Spheres provides a blanket of hollow spheres to reduce thermal losses, saving energy.

| | |
|---|---|
| **Code: 603-063** | **£31.00** |

A 4L model

A 14L model

A 22L model

## A Clifton Digital Thermostatic Baths

These water baths provide a stable temperature environment ideal for meeting quality control requirements. Featuring digital PID temperature control with Smart adaptive control technology for accurate working temperatures and reproduceable set values. Featuring auto alarm settings, illuminated on/off switch, heater and over and under temperature indicators. Every water bath is factory calibrated with a UKAS measuring system.

**Features**

**Temperature control**
Continuous 'Adaptive Tuning', to constantly refine the control liquid temperature at a set value. Clearly visible LED display to 0.1°C resolution. Settings retained in memory.

**Heating**
Heating element, safety cut-out and temperature sensors concealed underneath tank providing a totally clear 'clutter free' working area which is easy to clean. The heating footprint covers the base of the tank, its low mass providing rapid energy transfer, quicker heat-up times and uniformity because heat is spread over a broad area.

**Status indication**
Clearly visible indication of heating and over temperature alarm.

**Construction**
Stainless steel 304 spec bath contained within a sturdy body. Body with powder-coated anti-bacterial paint finish has good chemical and detergent resistance. Control panel has good detergent and chemical resistance and is easy to wipe clean

**Stainless steel perforated false base**
Removable 'Low Height' shelf maximizes working height in tank. Corrosion resistant stainless steel working environment

**Drain outlet**
Larger water baths (22 a& 28 litre) have a large bore drain outlet, accessory tap can be fitted for convenience.

**Accessories**
Accessories available including racks and lids, recommended above 60°C.

**Specification**

Temperature range: ambient +5°C - 99°C.
Sensitivity/temperature stability @ 45°C: ±0.2°C
Uniformity: ±0.1°C.
Tank, immersed components: 304 spec (18/8) stainless steel, crevice-free.
Power Supply: Mains 230V AC, 50-60Hz, 400W
Warranty: 3 years
Safety class: 1
Temperature setting/control: Splash-proof controls/Keypad setting/Digital LED display/PID temperature control.
Temperature display resolution: Real-time, fast responding display of actual measured temperature in increments of 0.1°C.
Carries the CE mark, meeting the requirements of Low Voltage and EMC Directives.
Internal Dimensions (W x D x H):
- 4L - 300 x 150 x 150mm
- 8L – 300 x 240 x 150mm
- 14L - 325 x 300 x 150mm
- 22L - 500 x 300 x 150mm
- 28L – 500 x 300 x 200mm

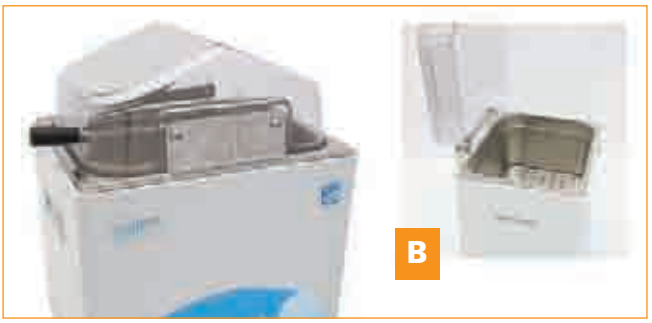
External Dimensions (W x D x H):
- 4L – 332 x 185 x 290mm
- 8L – 332 x 270 x 290mm
- 14L – 361 x 332 x 290mm
- 22L – 538 x 332 x 290mm
- 28L – 538 x 332 x 290mm

| | |
|---|---|
| **Code: 603-001 - 4L** | **£415.00** |
| **Code: 603-002 - 8L** | **£425.00** |
| **Code: 603-003 - 14L** | **£460.00** |
| **Code: 603-004 - 22L** | **£495.00** |
| **Code: 603-005 - 28L** | **£545.00** |

## B Hinged Gable Lids

Hinged gable lid for use with unstirred water bath codes 603-001 to 603-005.

| | |
|---|---|
| **Code: 603-006** - 4L | £49.00 |
| **Code: 603-007** - 8L | £49.00 |
| **Code: 603-008** - 14 & 18L | £49.00 |
| **Code: 603-009** - 22 & 28L | £49.00 |




## C Flat Stainless Steel Lids

Suitable for when a Clifton water bath is 'not in use', with this lid fitted it prevents contamination of liquid from air-borne particles - dust cover. Can also be useful when a Clifton water bath is 'in use', minimizing heat loss, saving energy, and assisting to maintain bath temperature ready for the next application. Ftted with an insulated handle.

| | |
|---|---|
| **Code: 603-054** - 2.5 & 4L | £39.00 |
| **Code: 603-055** - 8L | £42.00 |
| **Code: 603-056** - 14L | £43.00 |
| **Code: 603-057** - 22 & 28L | £45.00 |

## D Stainless Steel Test Tube Racks

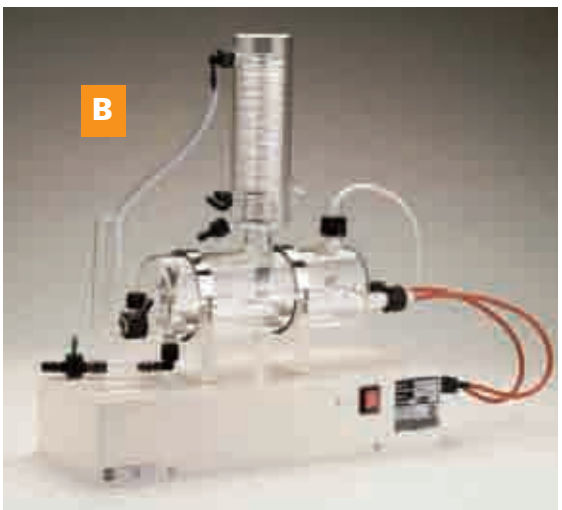
Stainless Steel Test Tube Rack 26 Holes x 17mm dia.
Maximum number of racks per baths:
4 litre = 1 rack, 8 litre = 2 racks, 14 litre = 4 racks, 22/28 litre = 6 racks.
NB. code 603-061 is also suitable for 1.5ml microtubes.

| | |
|---|---|
| **Code: 603-058** - 26 x 17mm tubes | £37.00 |
| **Code: 603-059** - 16 x 26mm tubes | £37.00 |
| **Code: 603-060** - 36 x 13mm tubes | £37.00 |
| **Code: 603-061** - 18 x 19mm tubes | £37.00 |
| **Code: 603-062** - 12 x 32mm tubes | £37.00 |

## A Water Still

A budget still designed to meet educational requirements at a low cost. This still produces 4 litres per hour with a 3kW metal heating element. Thermostatic cut off.

**Code: 612-015** **£629.00**




## B Silica Heater Water Still

An economy still, producing four litres of pyrogen-free distillate per hour with two 1.5kW silica heating elements. Thermostatic cut off and pressure switch.

**Code: 612-016** **£895.00**

## C Vertical Water Still

A traditional vertical water still, producing 4 litres per hour with a 3kW metal heating element. Thermostatic cut off. A double spiral condenser mounted on a spherical boiling chamber with a flexible joint. Water flow is controlled by a constant level device. Supplied with a metal bracket for wall mounting or bench mounting.

**Code: 612-017** **£765.00**

# SAFETY

## D Safety Aprons

Pack of 100 soft polyethylene disposable aprons.

**Code: 712-002** - **Pack of 100** **£6.95**

## E PVC Apron

Heavy duty PVC apron with detachable straps.

**Code: 613-007** **£7.50**

## F Polythene Safety Gloves

Non-sterile, disposable polythene.

**Code: POLYM** - **Medium, Pack of 100** **£1.75**

## G Vinyl Safety Gloves

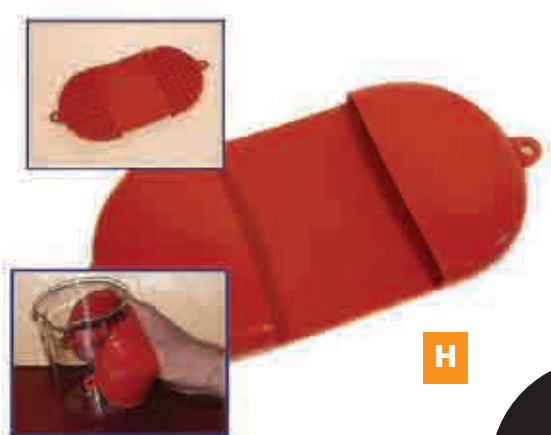
Non-sterile, disposable vinyl.

**Code: ECVS** - **Small, Pack of 100** **£4.50**
**Code: ECVM** - **Medium, Pack of 100** **£4.50**
**Code: ECVL** - **Large, Pack of 100** **£4.50**

## H Silicone Safety Gloves

Silicone rubber with inserts for fingers and thumb.
Fits any size. Protects between -30°C and 260°C.

**Code: 712-003** **£37.00**



## A Safety Lab Coat

White polyester/cotton mix, with one breast pocket and two side pockets. Sizes: S, M, L & XL.

S = Chest: 113cm; Arm length: 55cm; Length: 90cm.
M = Chest: 116cm; Arm length: 58cm; Length: 96cm.
L = Chest: 122cm; Arm length: 59cm; Length: 99cm.
XL = Chest: 126cm; Arm length: 61cm; Length: 103cm.

**Code: 712-001A** - **Small** **£19.00**
**Code: 712-001B** - **Medium** **£19.00**
**Code: 712-001C** - **Large** **£19.00**
**Code: 712-001D** - **Extra Large** **£19.00**

## B Safety Goggles

Polycarbonate safety goggles with adjustable strap.

**Code: EDU1005** **£2.05**

## C Safety Spectacles

Comfortable, lightweight polycarbonate safety spectacles.

**Code: EDU652** **£2.70**

## D Eyewash Pack

Sterile, single-use eyewashes.

**Code: 613-005** - **Pack of 24** **£23.00**

## E Double Eyewash Station

The double eyewash station includes 2 x 500ml eyewash solutions with eyepads and comes in a wall mountable carry case.

**Code: 613-006** **£31.00**
**Code: 613-023** - **500ml replenishment** **£5.25**

## F Emergency First Aid Kit

10 person first aid kit includes:
20 assorted plasters; 2 sterile eyepads; 4 triangular bandages; 6 medium dressings; 2 large dressings; 1 pair of disposable gloves; 6 safety pins; 10 antiseptic wipes; a wall bracket and some first aid guidance notes.

**Code: FA25** **£45.00**

## G Fire Blanket

Wall-mountable, 1 metre square.

**Code: FSEPR** **£20.00**

## H Hazard Warning Tape

Self-adhesive vinyl roll, 66 metres long x 25 mm wide.

| | |
|---|---|
| **Code: 613-027** - **Toxic** | **£6.50** |
| **Code: 613-028** - **Corrosive** | **£6.50** |
| **Code: 613-029** - **Flammable** | **£6.50** |
| **Code: 613-030** - **Harmful** | **£6.50** |
| **Code: 613-031** - **Oxidising Agent** | **£6.50** |
| **Code: 613-032** - **Biohazard** | **£6.50** |
| **Code: 613-033** - **Irritant** | **£6.50** |
| **Code: 613-034** - **Explosive** | **£6.50** |
| **Code: 613-035** - **Poison** | **£6.50** |

## I Spill Pack

The Spill Pack is made up of six containers each with enough absorbent material to absorb a spillage of up to 500cm, the maximum volume recommended for storage in a laboratory. In addition to the absorbent material, two packets of soda ash are provided so that acid spills, once absorbed and collected, can be neutralised and made safe for disposal. Instruction sheet included.

**Code: 613-026** **£39.95**

## A Acid Spill Clean Up Kit

**Kit contains:**
Instruction sheet/MSDS; 2 vinyl exam gloves; 4 empty 225 x 400mm polybags; 4 twist ties; 4 blank shipping tags; 1 dustpan and brush; 1 bag vermiculite absorbant; 1 bag neutralising mixture (Calcium Hydroxide, Sodium Carbonate, Calcium Carbonate & Litmus Powder).

**Code: 613-003** **£72.00**

## B Caustic Spill Clean Up Kit

**Kit contains:**
Instruction sheet/MSDS; 2 vinyl exam gloves; 4 empty 225 x 400mm polybags; 4 twist ties, 4 blank shipping tags; 1 dustpan and brush; 1 bag vermiculite absorbant; 1 bag neutralising mixture (Citric Acid, Anhydrous & Litmus Powder).

**Code: 613-002** **£69.00**

## C Solvent Spill Clean Up Kit

**Kit contains:**
Instruction sheet/MSDS; 2 vinyl exam gloves; 2 empty 225 x 400mm polybags; 2 twist ties; 2 blank shipping tags; 1 dust pan and brush; 1100g diatomaceous earth in 225 x 400mm polybag.

**Code: 613-001** **£69.00**

## D Bench Mats

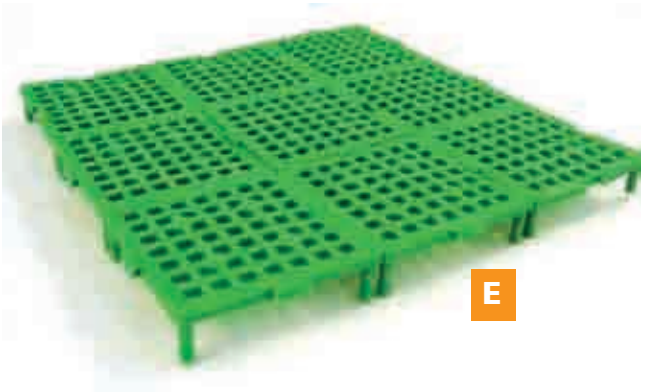
Calcium silicate, asbestos-free bench mats with well-finished edges. Packed in sturdy cartons.

**Code: EDU1008** - 150x150mm, Pack of 10 **£5.75**
**Code: EDU1009** - 230x230mm, Pack of 10 **£10.25**
**Code: EDU1010** - 300x300mm, Pack of 10 **£11.75**

## E Sinksafe Glassware Protection Mats

Sinksafe is composed of 50mm square modular units which can be connected together to form a platform to cover the base of any sink. It provides a firm cushion to break the fall of glassware and thus prevent loss of equipment. The mesh design allows the unhindered passage of liquids, and the small contact area of the legs prevents retention by capillarity of chemical solutions. The polypropylene construction is suitably chemical-resistant. When used in school laboratories not only is there a cost saving on every occasion a breakage is prevented, but there are also the important safety benefits of avoiding broken glass in the sink or mercury spillage from thermometers.

**Code: 613-004** - **Pack of 20** **£11.00**




## F Safety Screen

Transparent polycarbonate safety screen comprising central panel and two side panels connected with hinges. Overall height is 610mm. Section widths are 225, 300 and 225mm. 4mm thick.

**Code: EDU994** **£59.00**

## G Laboratory Safety Screen

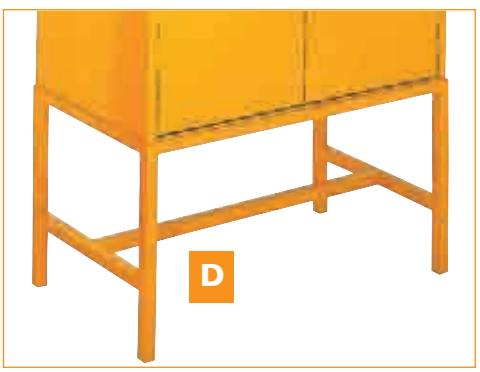
A robust and stable safety screen with excellent optical clarity, constructed from clear PET-G high impact material. The screen stands 60cm high, with three fixed-angle panels 18, 24 and 18cm wide, respectively. All the corners are smoothly rounded to prevent accidental injury caused by sharp points.

**Code: 613-024** **£67.00**

A

B

C



D

## A Hazardous Storage Cabinets

Designed to meet the requirements of COSHH regulations for safe storage of flammable liquids and chemicals. Bright yellow with warning signs. 0.9mm thick steel. Adjustable , perforated galvanised shelf. Removable galvanised sump. Cabinet has one shelf.
Model Size:(H x W x D)
One Doored - 915 x 455 x 455mm.
Two-Doored - 710 x 915 x 455mm
Two-Doored, Large - 915 x 915 x 455mm

**Code: 613-010** - **One-Doored** **£195.00**
**Code: 613-011** - **Two-Doored** **£245.00**
**Code: 613-012** - **Two-Doored, Large** **£275.00**

## B Hazardous Storage Cabinet

Designed to meet the requirements of COSHH regulations for safe storage of flammable liquids and chemicals. Bright yellow with warning signs. 0.9mm thick steel. Adjustable, perforated galvanised shelf. Removable galvanised sump. Cabinet has three shelves. Two-doored.
Model Size:(H x W x D) 1830 x 915 x 455mm.

**Code: 613-013** - **Two-Doored, Vertical** **£399.00**

## C Hazardous Storage Chest

Designed to meet the requirements of COSHH regulations for safe storage of flammable liquids and chemicals; this sloping-topped chest is bright yellow with warning signs and is constructed from 1.6mm steel wih a liquid-tight base and a hasp and staple for padlocking.
Size (H x W x D): 610 x 915 x 455mm.

**Code: 613-014** **£262.00**

## D Storage Cabinet Stand

Stand for horizontal hazardous storage cabinet or chest. Suitable for 613-011, 613-012 and 613-014.
Size (H x W x D): 455 x 915 x 455mm.

**Code: 613-020** **£62.00**

## E Airone 1000R Fume Cupboard

Fixed, filtered fume cupboard for classrooms & prep-rooms.

**Features and Specification:**
Tested & certified to BS:7989:2001
Epoxy-coated mild steel construction (RAL 7035)
Counterweighted sliding glass sash front
Laminated safety glass side windows
Automatic face velocity adjustment (VAV)
Digital control system
365mm high front opening, set by stops
Filtrete electrostatic particle filter
Solid grade laminate back baffle
Built-in fluorescent lights
External dimensions (W x D x H): 1000 x 760 x 2200mm

**Includes:**
Polypropylene worktop with vulcathene drip cup
Remote water & gas services
Single electrical socket
Plain stand included
22kg CMS carbon filter, size RS

**Code: 613-017** **£4,495.00**

E

## F Airone 1200R Fume Cupboard

Fixed, filtered prep-room fume cupboard.

**Features & Specification as code 613-017 except:**
External dimensions (W x D x H): 1200 x 760 x 2200mm

**Includes:**
Polypropylene worktop with Sink
Double electrical socket
Plain stand included
Two 15kg CMS carbon filters, size B

**Code: 613-018** **£5,400.00**

F

Shown with optional storage cabinet 613-025

Due to the size and weight of these items, bulk carriage charges may be necessary. Please contact for details when ordering.

A

## A Airone 1000RS Fume Cupboard

School spec, mobile filtration fume cupboard.

**Features and Specification:**
Tested & certified to BS:7989:2001
Complies with Building Bulletin 88
Tested by CLEAPSS
Epoxy-coated mild steel construction (RAL 7035)
Counterweighted sliding glass sash front
Laminated safety glass side and rear windows
360 degree visibility
Fully mobile with front lockable castors
2-Speed fan control
365mm high front opening, set by stops
Filtrete electrostatic particle filter
Storage cupboard included
External dimensions (W x D x H): 1000 x 700 x 1850mm

**Includes:**
Polypropylene work tray with vulcathene drip cup
Remote water & gas services
Single electrical socket
22kg CMS carbon filter, size RS

**Code: 613-021** **£4,450.00**

B

## B Vented Storage Cabinet, 1100mm

Optional accessory for Airone 1200R. Storage cabinet fits under the fume cupboard stand. Shown in picture of 613-018. 110mm wide.

**Code: 613-025** **£325.00**

C

## C Airone 1000RS/DS Docking Station

Docking Station for Airone 1000RS/DS

**Features and Specification:**
Epoxy-coated mild steel construction
Specifically designed for use with Airone 1000RS & Airone 1000DS
Lockable, sturdy construction to securely lock away water, waste and gas when not in use
Quick-release connections to water, waste and gas
Externally accessible 13A electrical socket
Easily sited and recess or flush fitted
Fume cupboard tether point to prevent damage to service connections

**Code: 613-015** **£325.00**

# STORAGE

## D Gratnell Trays

Shallow, Deep and Jumbo size Gratnell Trays.
Dimensions:

| | |
|---|---|
| Shallow | - 427 x 312 x 75mm |
| Deep | - 427 x 312 x 150mm |
| Jumbo | - 427 x 312 x 300mm |

| | |
|---|---|
| **Code: F/1B** - Shallow, Blue | £2.20 |
| **Code: F/1G** - Shallow, Green | £2.20 |
| **Code: F/1R** - Shallow, Red | £2.20 |
| **Code: F/1Y** - Shallow, Yellow | £2.20 |
| **Code: F/2B** - Deep, Blue | £3.20 |
| **Code: F/2G** - Deep, Green | £3.20 |
| **Code: F/2R** - Deep, Red | £3.20 |
| **Code: F/2Y** - Deep, Yellow | £3.20 |
| **Code: F/3B** - Jumbo, Blue | £4.95 |
| **Code: F/3G** - Jumbo, Green | £4.95 |
| **Code: F/3R** - Jumbo, Red | £4.95 |
| **Code: F/3Y** - Jumbo, Yellow | £4.95 |

D

## E Lid for Gratnell Trays

Translucent clip-on lid to fit all sizes of Gratnell Tray.

| | |
|---|---|
| **Code: LF1** | £2.10 |

E

## F Inserts for Shallow Gratnell Trays

Inserts for Shallow Gratnell Trays, with three, four, six or eight compartment options.

| | |
|---|---|
| **Code: INS3** - x3, Pack of 6 | £21.00 |
| **Code: INS4** - x4, Pack of 6 | £21.00 |
| **Code: INS6** - x6, Pack of 6 | £21.00 |
| **Code: INS8** - x8, Pack of 6 | £21.00 |

F

**Surcharges may apply.**

## A Trolley for Gratnell Trays

Trolley for Gratnell Trays. Fitted with heavy duty 75mm castors fitted into solid steel blocks for extra strength. The recessed top is removable, with open corners for easy cleaning. Dimensions: 710 x 420 x 850mm. Capacity: 12 shallow Gratnell trays (not included). Other size trolleys available - please enquire for full details.

**Code: 2025Q** **£199.00**

## B Runners for Gratnell Trolley

Pair of metal runners to fit Gratnell storage trolley

**Code: G3** **£4.20**

## C Laboratory Trolley

Heavy duty trolley with heavy duty metal castors, rubber tyre wheels and foot release brakes. Three adjustable shelves with spill protection lip. Supplied flat packed. No nuts or bolts - slots together.

Assembled dimensions:
H 113cm x L 104cm x W 43cm
Shelf dimensions: 99cm L x 42cm W

**Code: 612-002** **£169.00**